

## Photoshop Version

1990. 2, Ps1.0 (Mac), Thomas Knoll & John Knoll  
1991. 6, Ps2.0 (Mac), Path  
1992.11, Ps2.5 (Mac, Windows), Channel  
1994. 9, Ps3.0 (Mac)  
1994.11, Ps3.0 (Windows), Tab 형식의 Palette Menu, Layer  
1996.11, Ps4.0 (Mac, Windows), Adjustment Layer  
1998. 5, Ps5.0, 문자편집 기능, History Palette, 색 관리  
1999. 2, Ps5.5, Image Ready 포함, Extract Filter, Vector Shape  
2000. 9, Ps6.0, Interface 변경, Healing Brush, Liquify Filter  
2002. 3, Ps7.0, 모든 문자를 Vector 처리  
2002. 8, Ps7.0.1, Camera RAW 1.x Plug-in  
2003.10, CS, Camera RAW 2.x, Shadow/Highlight, Match Color, Lens Blur Filter, 실시간 히스토그램  
2005. 4, CS2, Camera RAW 3.x, Smart Object, Image Warp, Spot Healing Brush, Red Eye, 소실점, HDRI  
2007. 4, CS3, Smart Filter, Quick Selection, Refine Edge  
3D 합성 및 텍스처 편집, 2D/3D 측정 도구, 동영상 페인트  
2008.10, CS4, Modify Panel, Mask Panel  
2010. 4, CS5  
2012. 5, CS6, Debluring

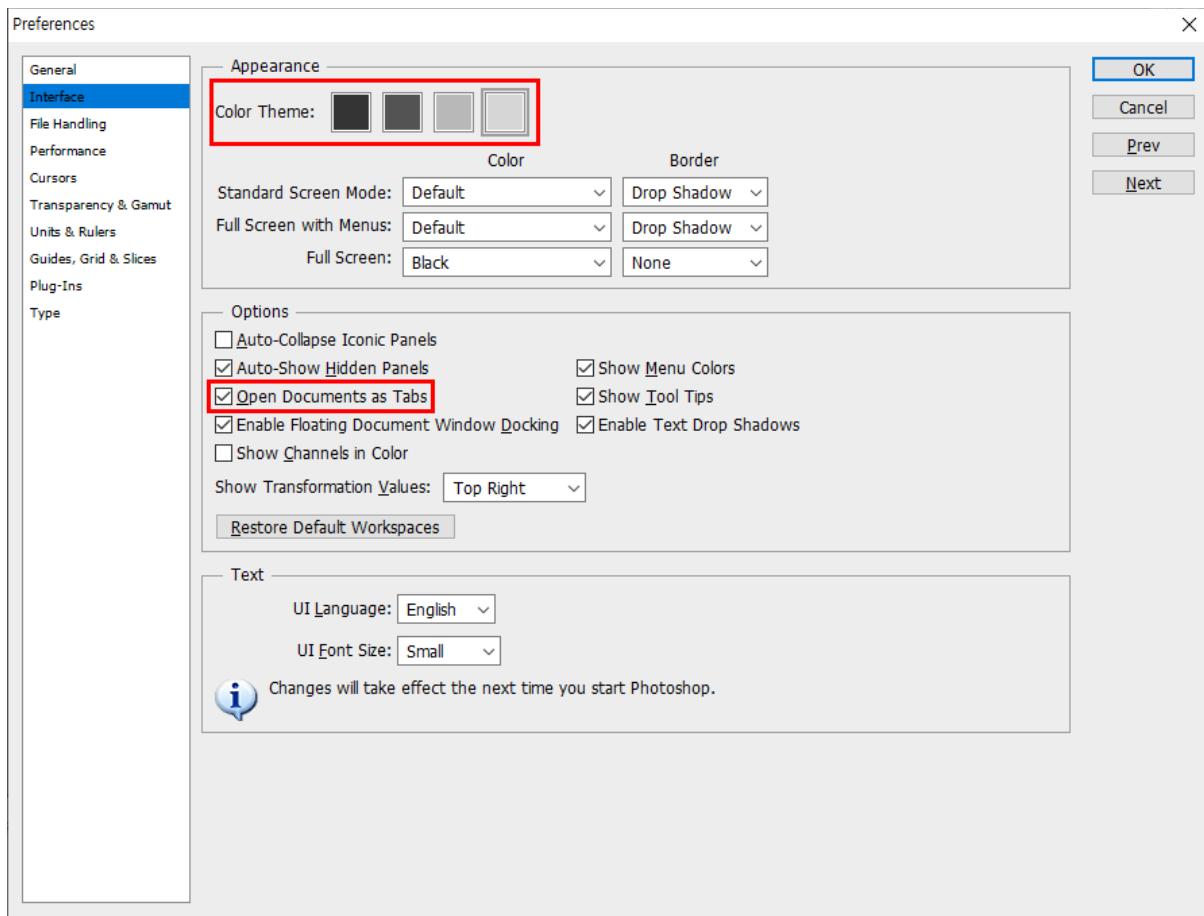
## 포토샵 프로그램의 활용 범위

- 1) 사진 보정
- 2) 사진 합성
- 3) 이미지 편집
- 4) 글자 디자인
- 5) 필터 효과
- 6) 애니메이션

## 포토샵 환경 설정 파일 초기화

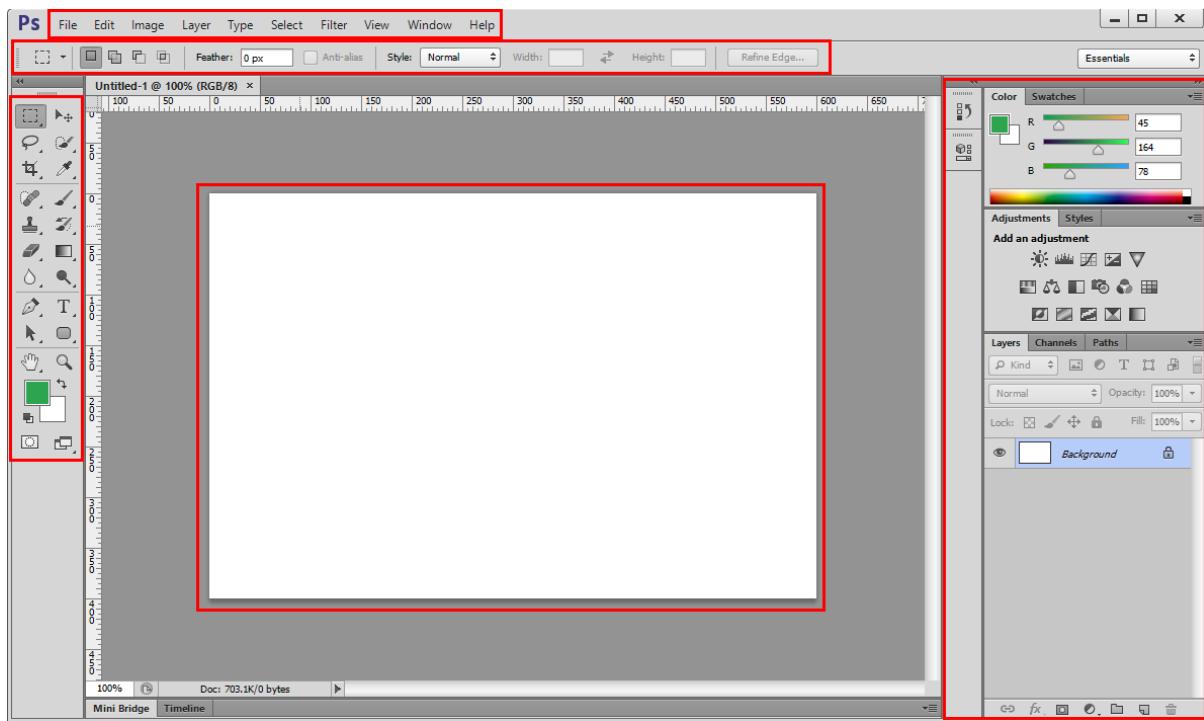
- 1) 초기화: `ctrl+alt+shift+포토샵 실행`

## 환경설정(Edit > Preferences, ctrl+K)



- 1) interface: Color Theme(UI 색 변경)
- 2) interface: open document as tabs 체크

## 화면 구성(Workspace)



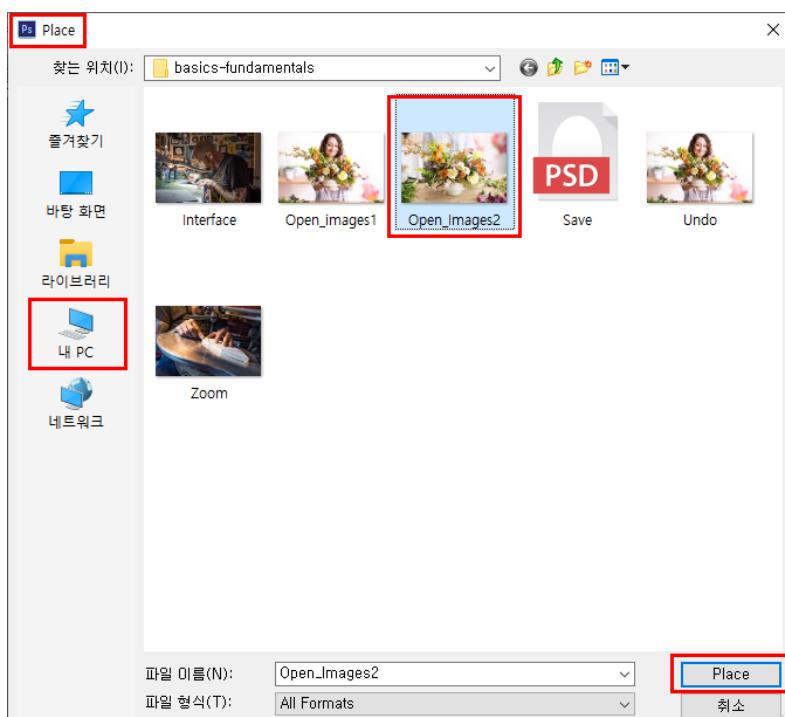
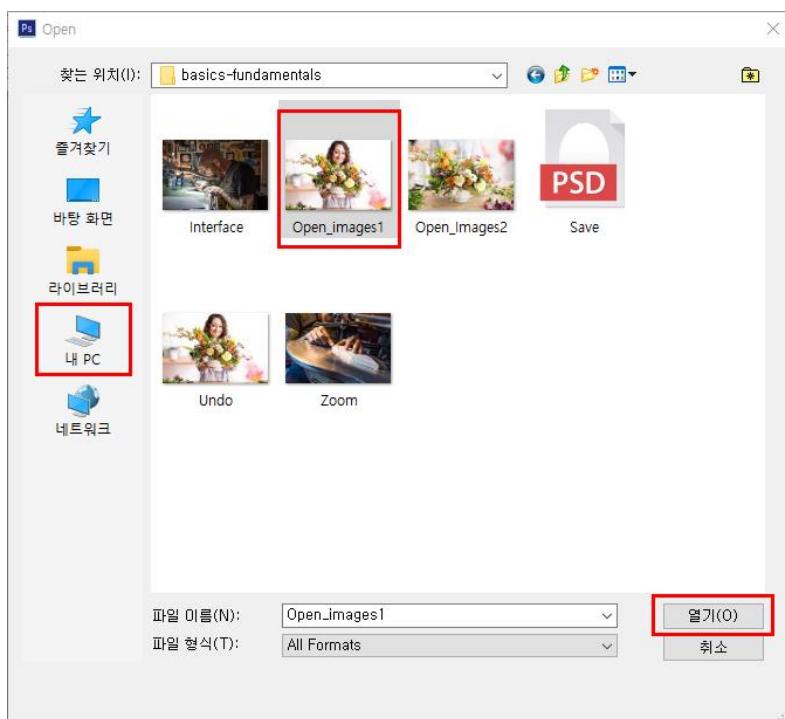
- 1) 메뉴바(Menu Bar): File ~ Help
- 2) 옵션바(option bar) 또는 컨트롤바(Control Bar)
- 3) 도구패널(Tool Panel)
- 4) 패널(Panel)
- 5) 캔버스(Canvas)

사용자 정의 화면 구성: Window > Workspace 메뉴



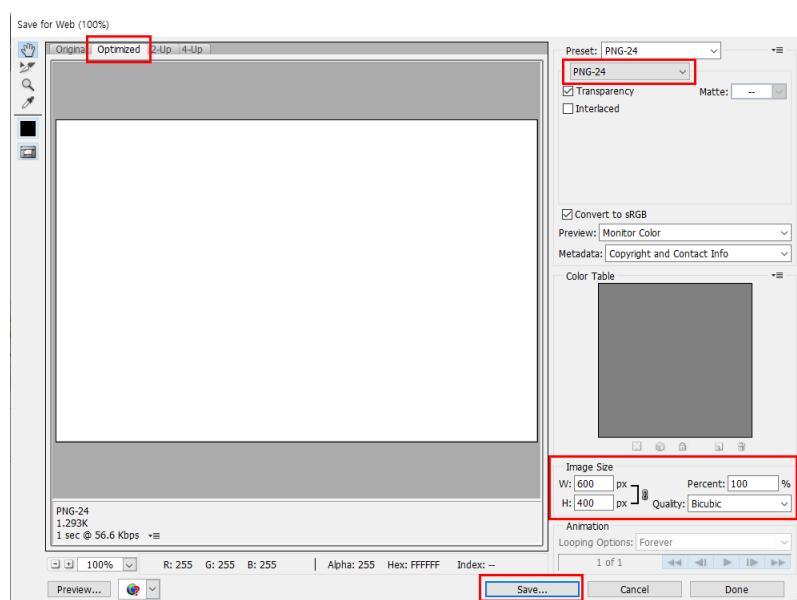
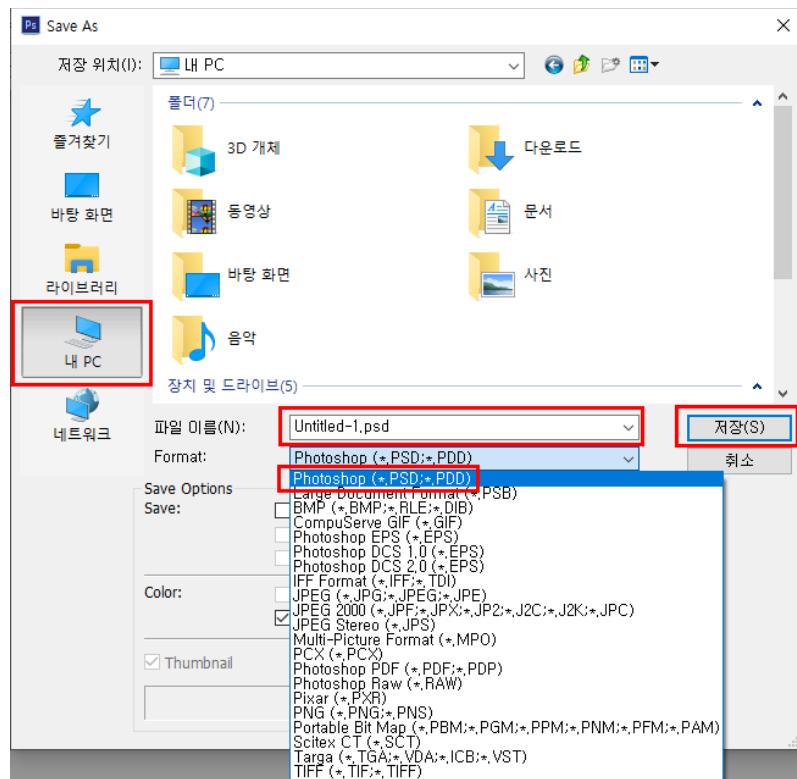
## 불러오기: File 메뉴

- 1) 열기(open): 새 문서로 열린다.
- 2) 가져오기(place): 현재 문서로 축소되어 가져온다.



## 저장: File 메뉴

- 1) Save(저장), **ctrl+S**
- 2) Save As(다른 이름으로 저장), **ctrl+shift+S**
- 3) Save for web(웹용 저장): **ctrl+alt+shift+S**



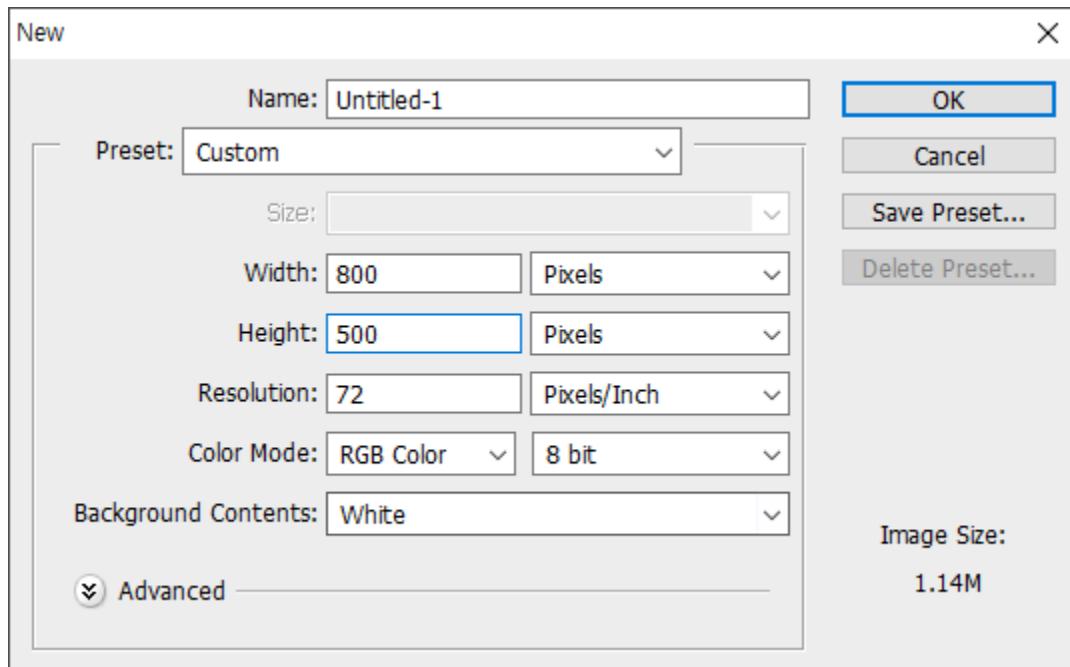
## 파일 형식(File Format)

- 1) \*.psd : 포토샵 원본
- 2) \*.gif : 256color, 투명 배경, 움직이는 이미지
- 3) \*.jpg : 24bit color, 사진
- 4) \*.png : 24bit color, 투명 배경+사진

## 닫기: File 메뉴

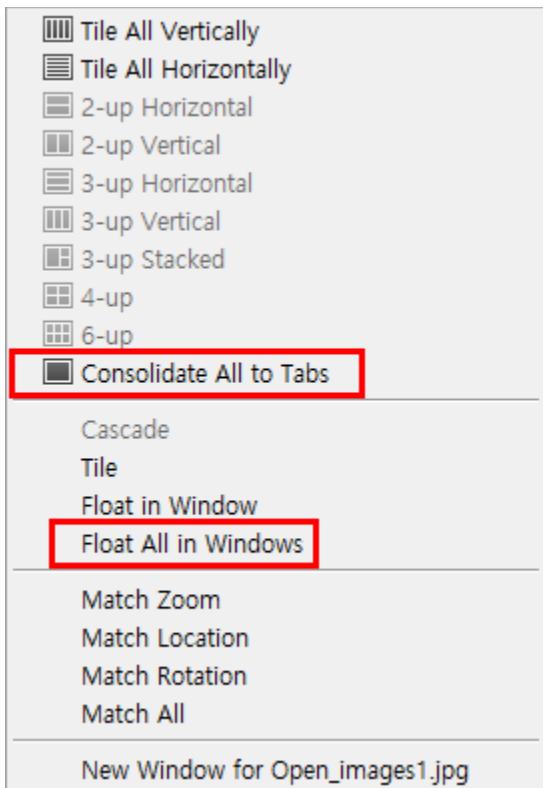
- 1) Close, ctrl+W
- 2) Close All, ctrl+alt+W
- 3) Exit, ctrl+Q

## 새 문서: File > New, ctrl+N



- 1) 단위: px(화면), mm(인쇄)
- 2) 크기: width(너비), height(높이)
- 3) 해상도(Resolution): 72ppi(화면), 300ppi(인쇄)
- 4) 색상 모드(Color Mode): RGB(화면), CMYK(인쇄)
- 5) 배경내용(Background Contents): 흰색(White), 배경색(Background Color), 투명(Transparent)

## 작업 창 정렬: Window > Arrange 메뉴



## 화면 이동/확대/축소: View 메뉴

Zoom In	Ctrl++
Zoom Out	Ctrl+-
Fit on Screen	Ctrl+0
Actual Pixels	Ctrl+1
Print Size	



- 1) 줌 도구(Zoom Tool)
- 2) 손바닥 도구(Hand Tool)
- 3) 확대(Zoom in): ctrl++, sp+ctrl+마우스(드래그, 클릭)
- 4) 축소(Zoom out): ctrl+-, sp+ctrl+alt+마우스
- 5) 이동: spacebar+드래그
- 6) 100% 화면(Actual Pixels): ctrl+1, 돋보기 더블클릭
- 7) Fit on Screen: ctrl+0, 손바닥 더블클릭

## 화면 보기 방식: View > Screen Mode 메뉴

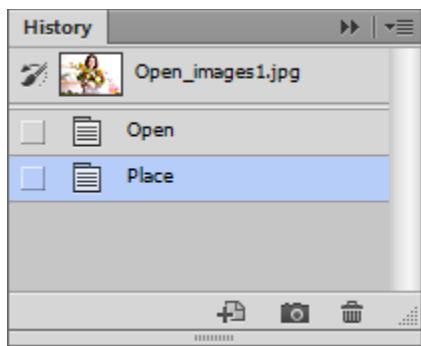


■	Standard Screen Mode	F
	Full Screen Mode With Menu Bar	F
■	Full Screen Mode	F

- 1) Tool, Panel 숨기기/보이기: tab
- 2) Panel 숨기기/보이기: shift+tab

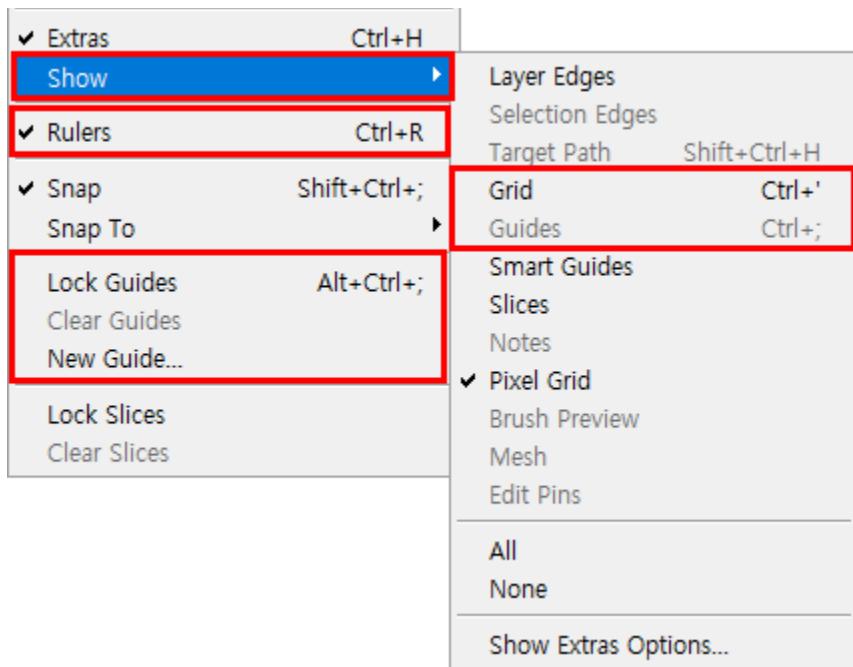
## 작업 취소/재실행: Edit 메뉴

Undo Place	Ctrl+Z
Step Forward	Shift+Ctrl+Z
Step Backward	Alt+Ctrl+Z



- 1) history(히스토리) 패널
- 2) 한 단계 뒤로(Step Backward): ctrl+alt+z
- 3) 한 단계 앞으로(Step Forward): ctrl+shift+z
- 4) File > Revert, F12

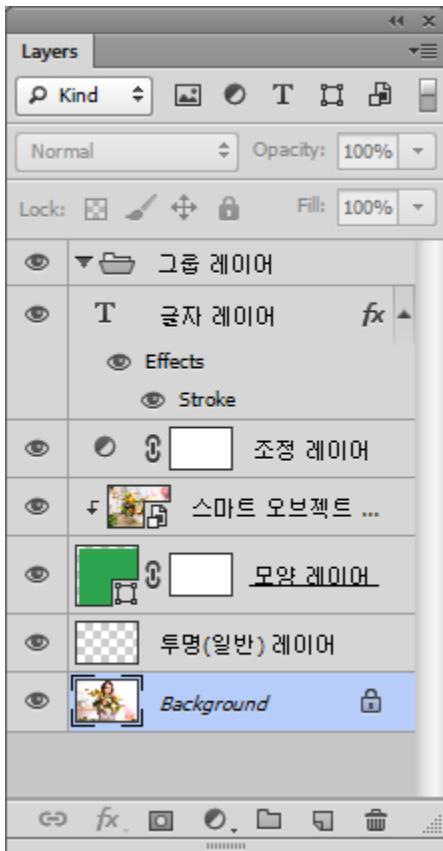
## 눈금자/안내선/격자: View 메뉴



- 1) 눈금자(Rulers), **ctrl+R**: 단위 변경, 안내선 만들기
- 2) 안내선(Guides) 보이기/숨기기, **ctrl+;**
- 3) 안내선 잠그기, **ctrl+alt+;**
- 4) 안내선 모두 삭제하기(Clear Guides)
- 5) 안내선 만들기(New Guide...)
- 6) 격자 보이기/숨기기, **ctrl+'**

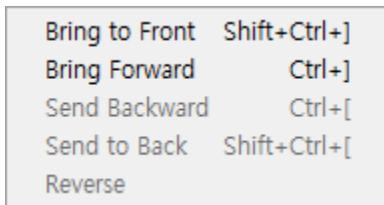
## 레이어(Layers)

Layers 패널



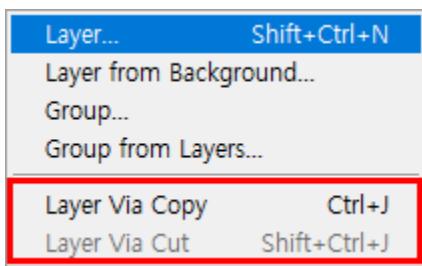
- 1) 새 레이어 만들기(Create a new layer), **ctrl**(아래쪽)
- 2) 선택한 레이어 삭제하기>Delete layer), **Delete**
- 3) 레이어 선택하기: **shift**(연속), **ctrl**(비연속)
- 4) 레이어 자동 선택(Auto Select): 개체를 **ctrl+클릭**
- 5) 선택 영역을 불러오기(Select > Load Selection...): 레이어 썸네일을 **ctrl+클릭**
- 6) 이름 바꾸기(Rename Layer...)
- 7) Indicates layer visibility: **alt**
- 8) 레이어 그룹(Group Layers), **ctrl+G**
- 9) 레이어 그룹 해제(Ungroup Layers), **ctrl+shift+G**

레이어 배열(위치 이동): Layer > Arrange 메뉴



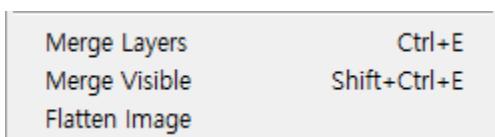
- 1) 선택한 레이어를 드래그
- 2) 맨 위로 옮기기(Bring to Front)
- 3) 맨 아래로 내리기(Send to Back)
- 4) 한 단계 위로 옮기기(Bring Forward)
- 5) 한 단계 아래로 내리기(Send Backward)

레이어 복제/잘라내기: Layer > New 메뉴



- 1) 선택한 영역 또는 레이어를 레이어로 복제(Layer via Copy)
- 2) 선택한 영역 또는 레이어를 레이어로 잘라내기(Layer via Cut)

레이어 병합: Layer 메뉴



- 1) Merge Layers: 선택한 레이어 병합
- 2) Merge Visible: 눈이 켜 있는 레이어 병합
- 3) Flatten Image: 배경 레이어로 병합
- 4) Merge Down: 아래 레이어와 병합
- 5) 새로운 레이어로 복제 병합: ctrl+alt+shift+E

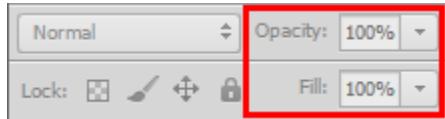
레이어 잠금: Layers 패널



- 1) 투명영역(Lock transparent pixels)

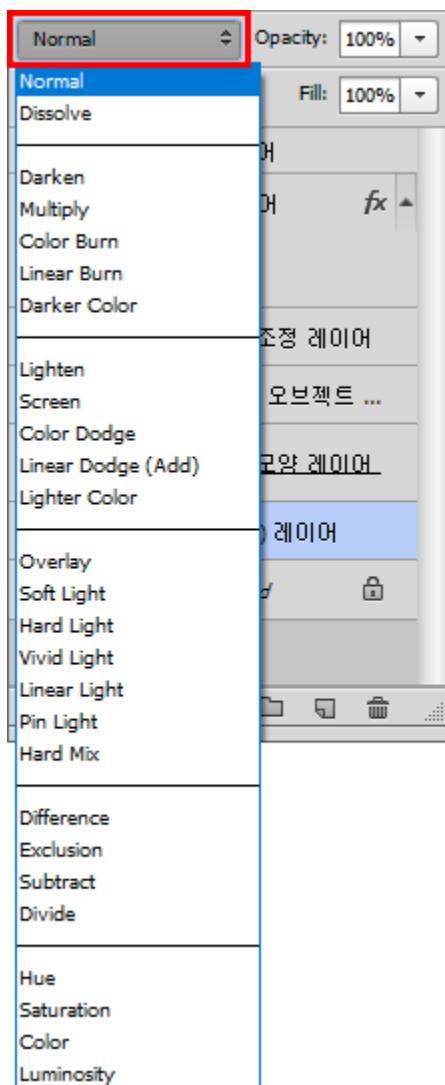
- 2) 픽셀영역(Lock image pixels)
- 3) 이동(Lock position)
- 4) 전체(Lock all)

불투명도: Layers 패널

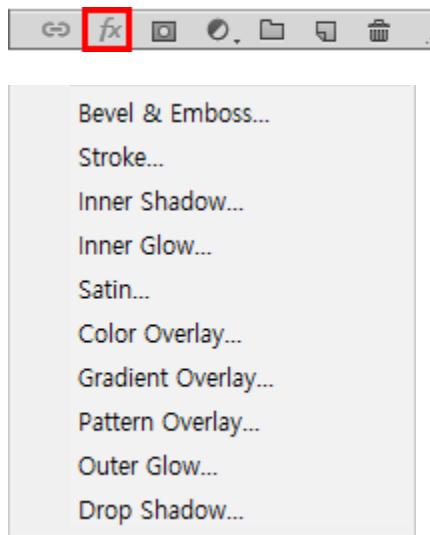


- 1) 불투명도(Opacity): 개체에 적용한 색 + 레이어 스타일 색, 0(투명) ~ 100(불투명)
- 2) Fill: 개체에 적용한 색만, 0(투명) ~ 100(불투명)

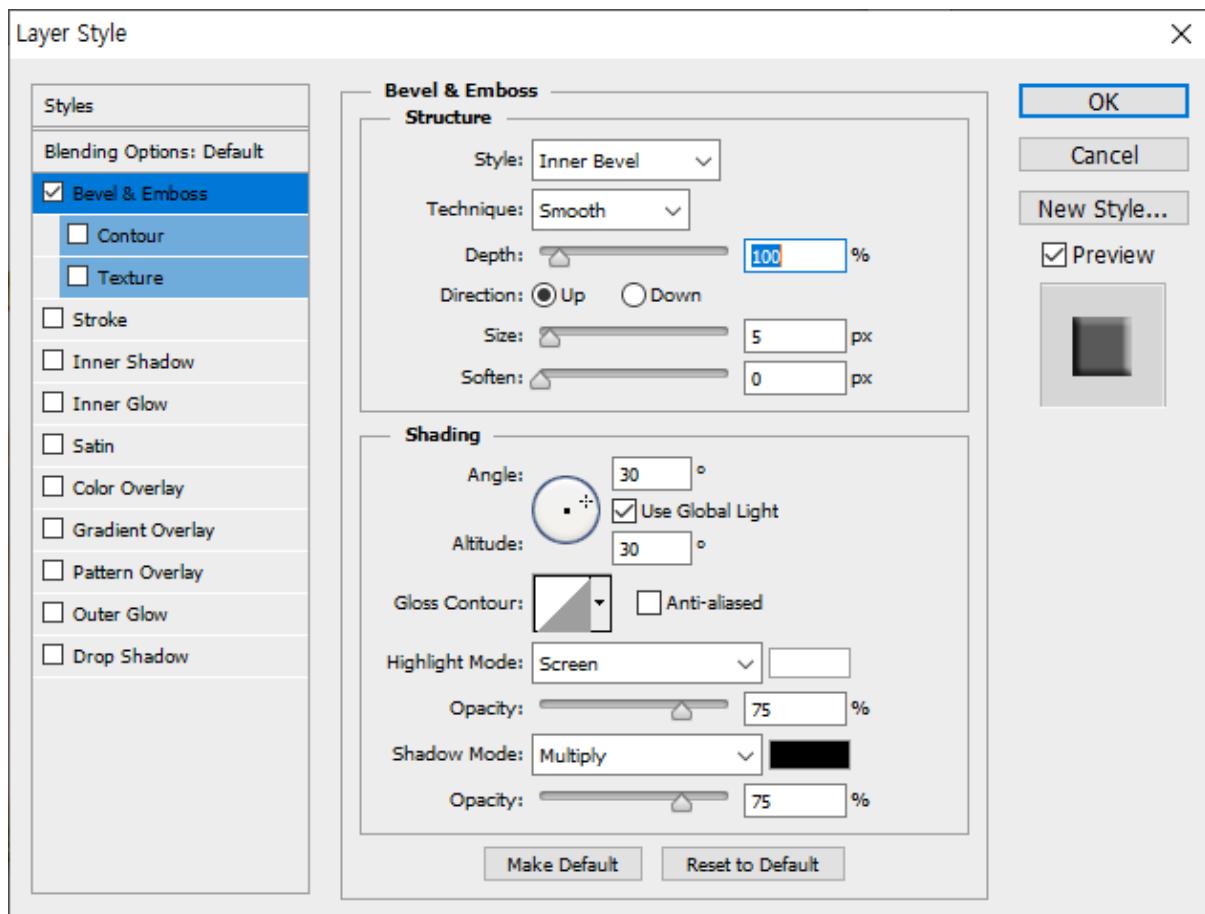
레이어 블렌딩(Layer Blending): Layers 패널



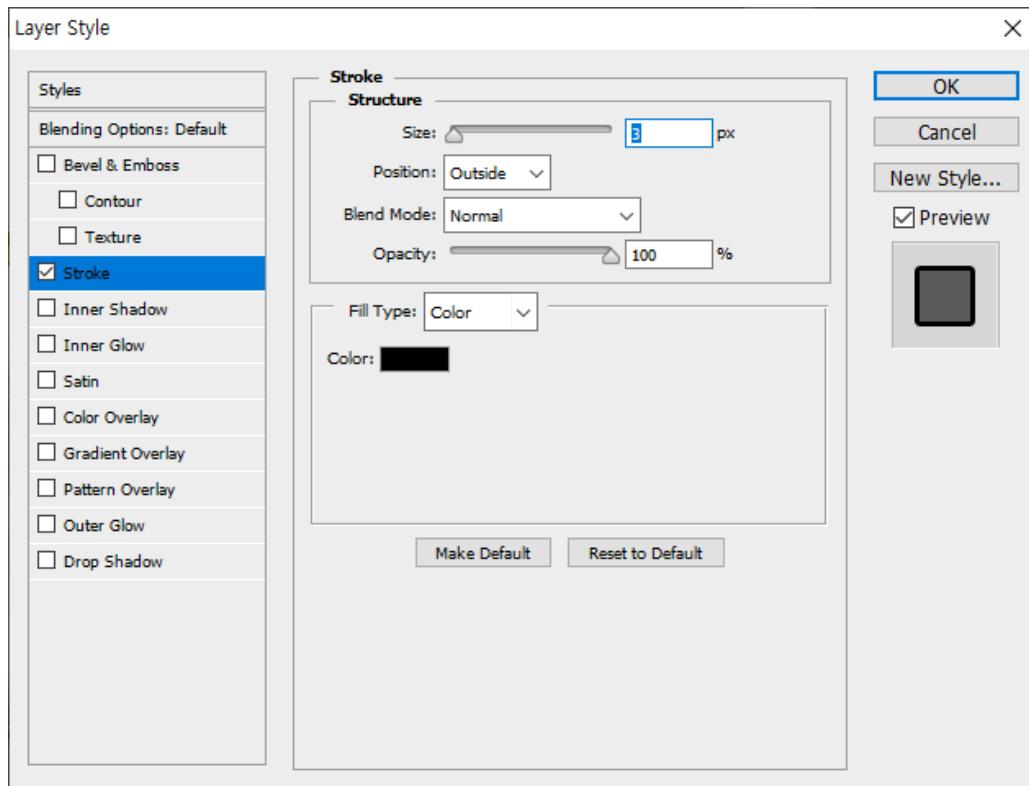
## 레이어 스타일(Add a layer style)



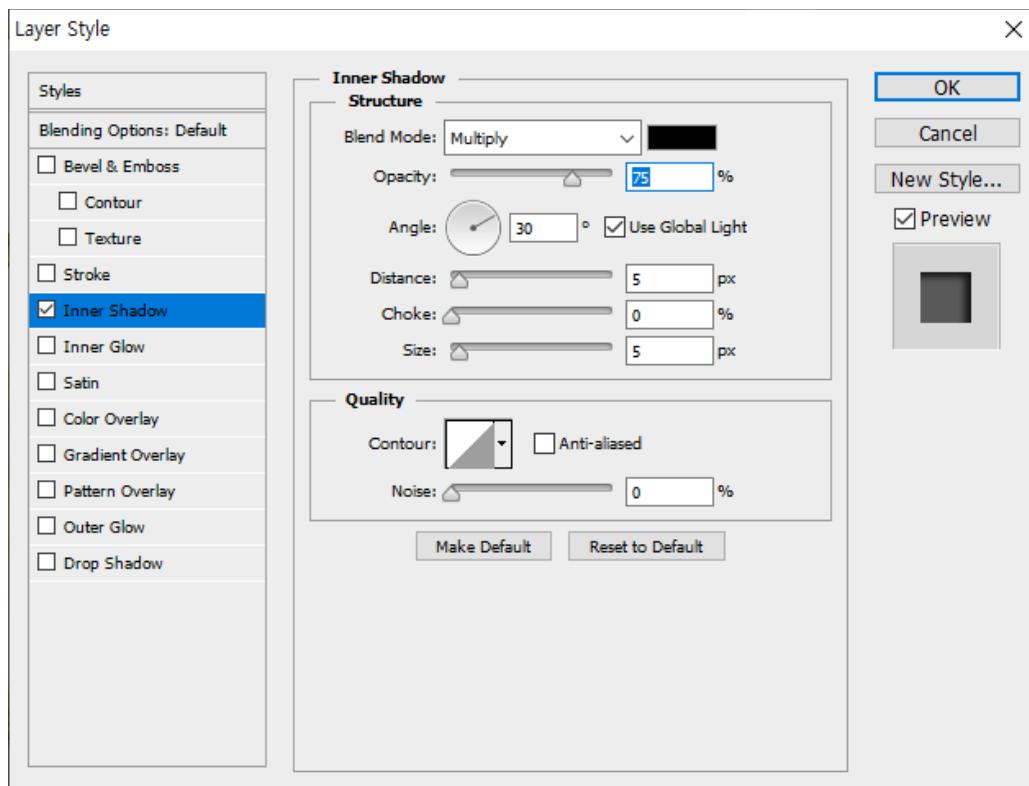
### 1) 경사와 볼록(Bevel & Emboss...)



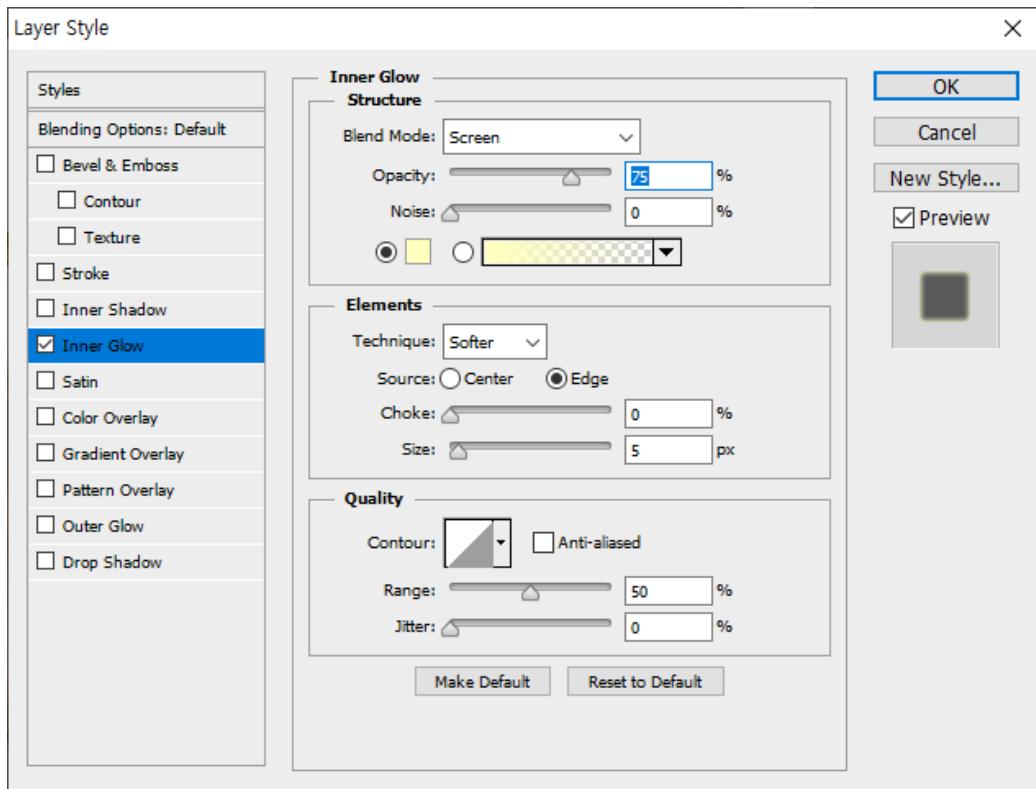
2) 획(Stroke...)



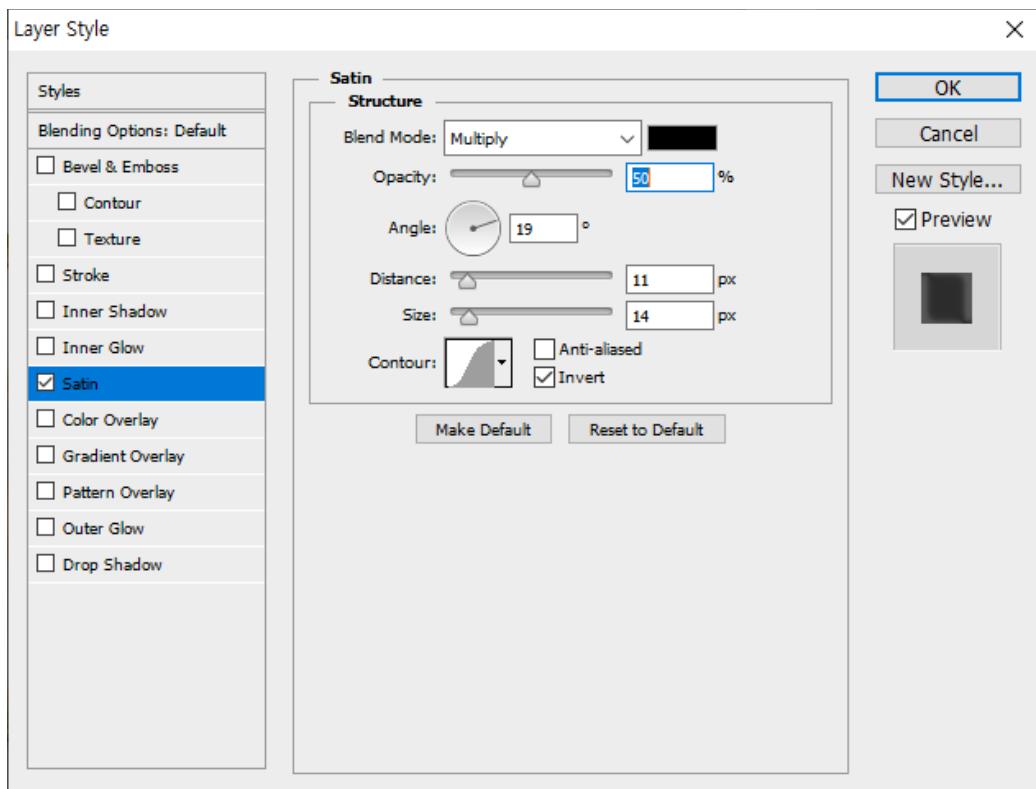
3) 내부 그림자(Inner Shadow...)



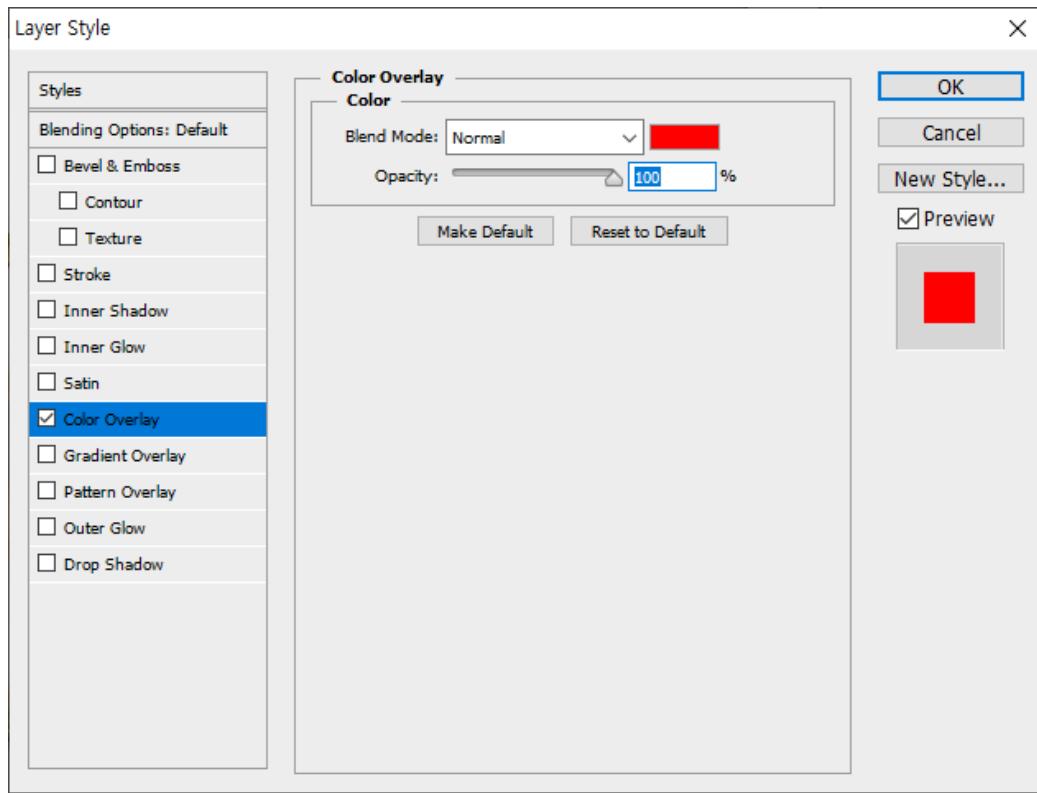
#### 4) 내부 광선(Inner Glow...)



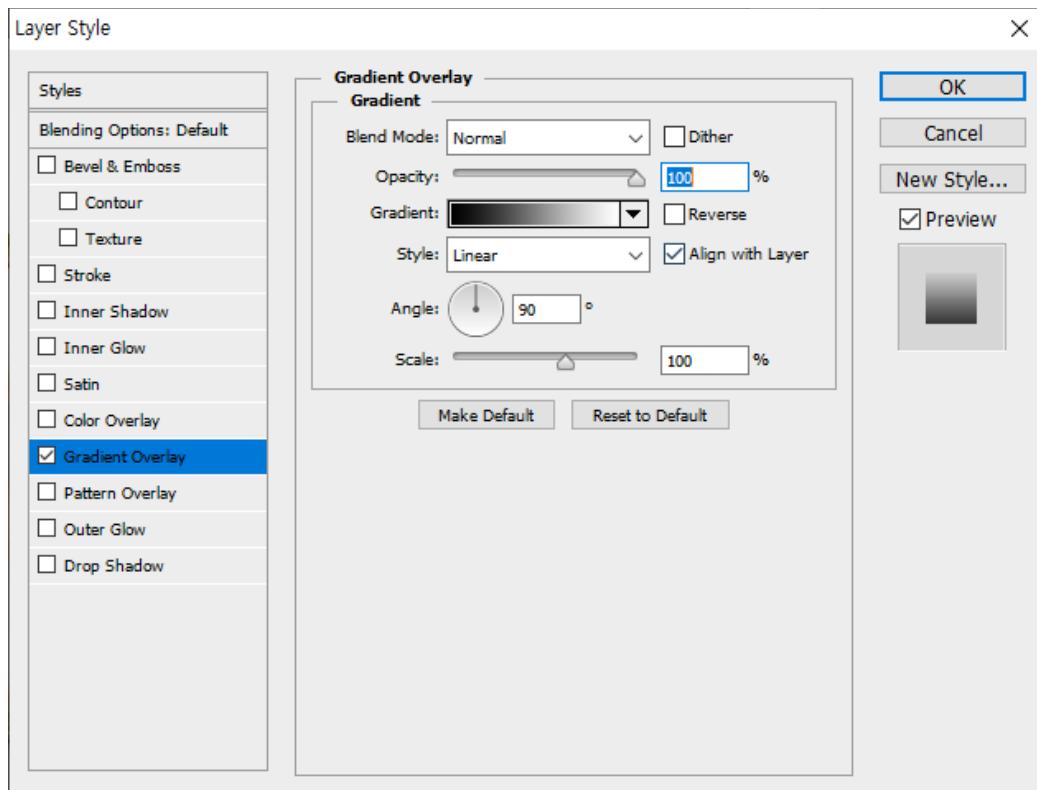
#### 5) 광택(Satin...)



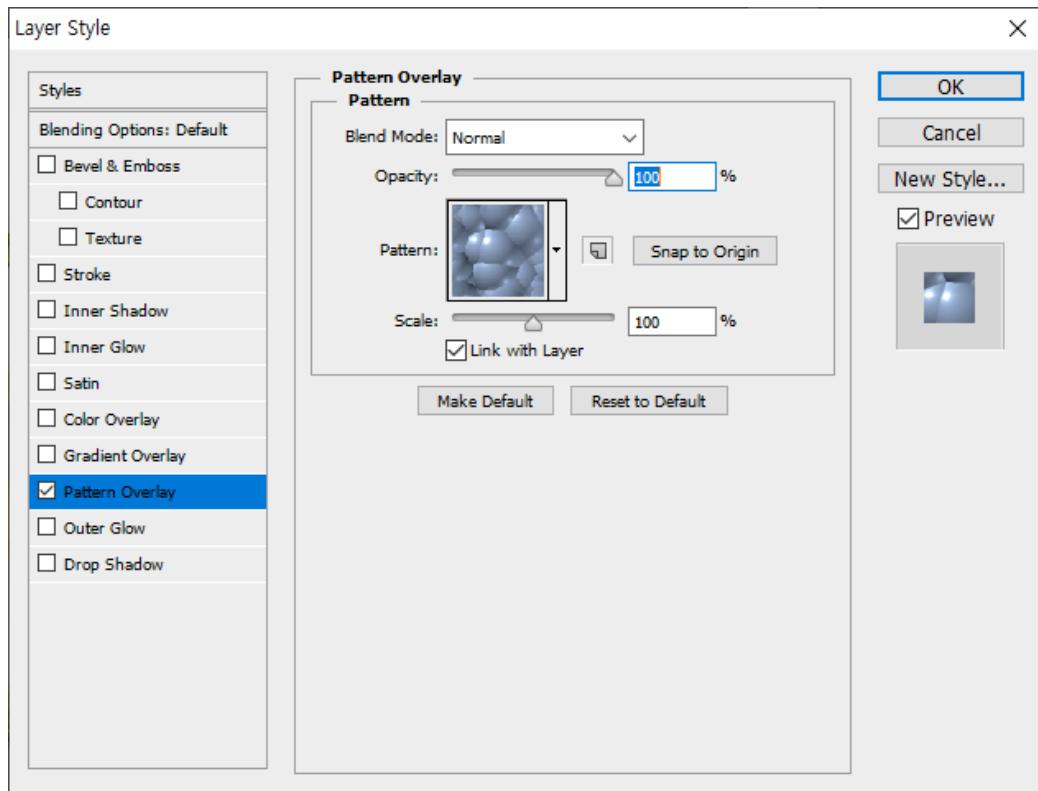
## 6) 색 오버레이(Color Overlay...)



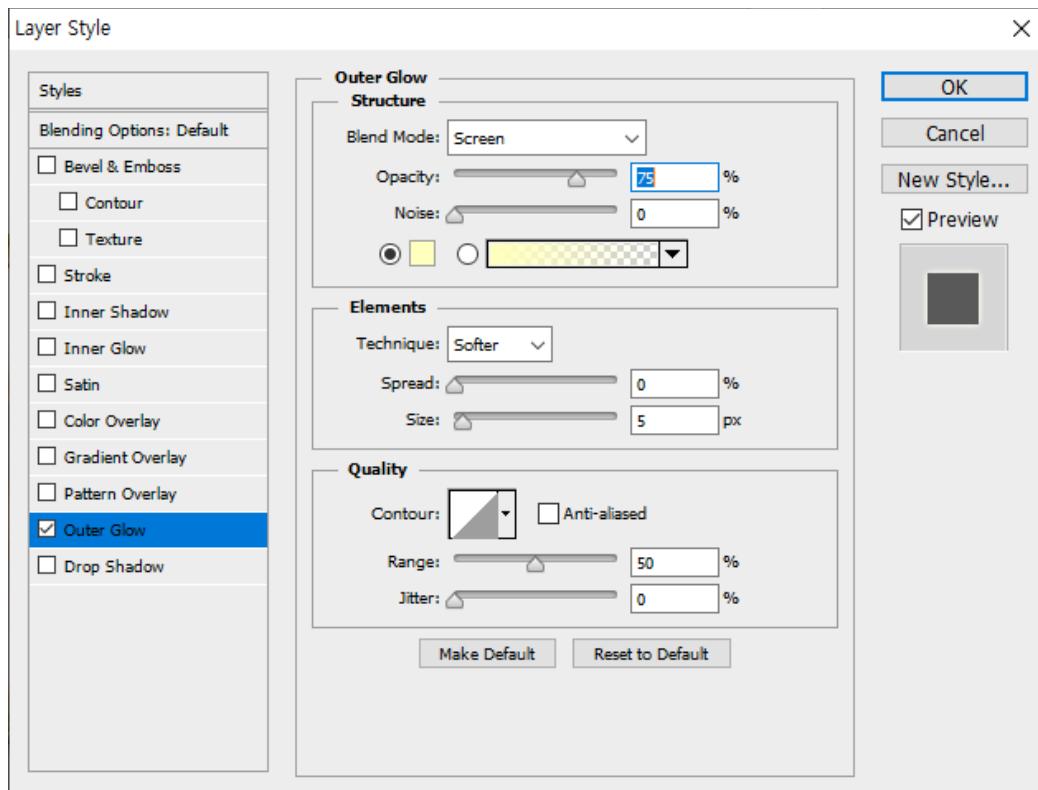
## 7) 그라디언트 오버레이(Gradient Overlay...)



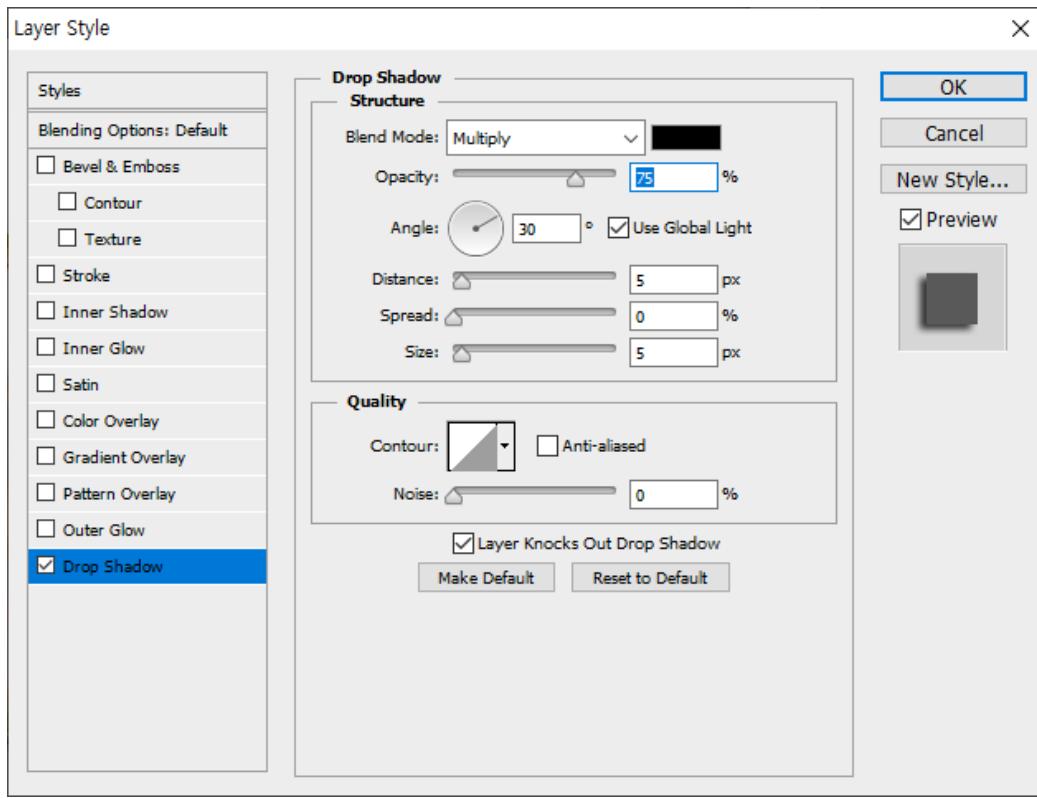
### 8) 패턴 오버레이(Pattern Overlay...)



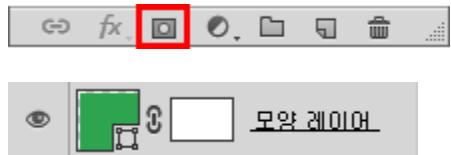
### 9) 외부 광선(Outer Glow...)



## 10) 그림자(Drop Shadow...)

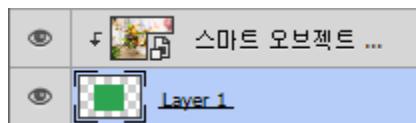


## 레이어 마스크



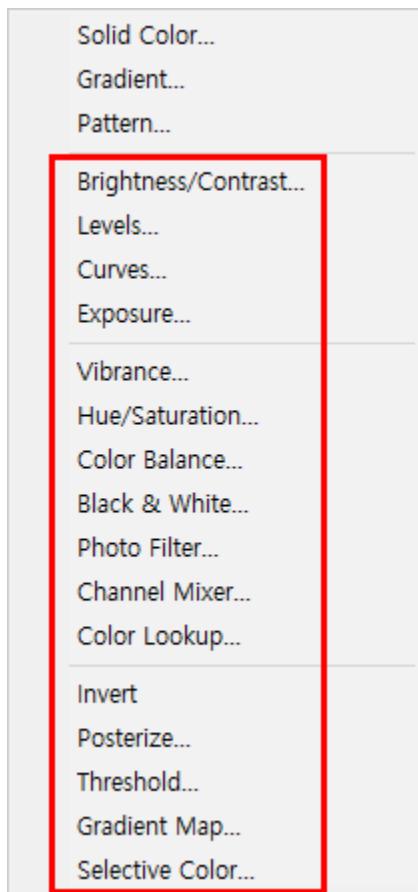
- 1) 개체 레이어의 오른쪽에 생성
- 2) 선택된 영역은 흰색, 선택되지 않은 영역은 검은색
- 3) 흰색영역은 보이고, 검은색영역은 숨긴다.

## 클리핑 마스크(Layer > Create Clipping Mask)

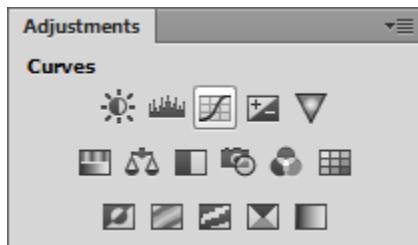


- 1) 상위 레이어: 개체
- 2) 하위 레이어: 마스크
- 3) 상위/하위 레이어 사이에서 alt+클릭
- 4) : 상위 레이어에서 ctrl+alt+G

## 조정 레이어(Adjustments layer)



## Adjustments 패널



## 개체 선택/이동/복사



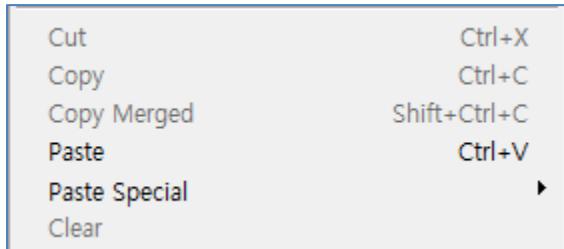
- 1) Auto-Select
- 2) 이동: 드래그
- 3) 복사: alt+드래그
- 4) File > Automate > Photomerge: 파노라마
- 5) Image > Duplicate: 파일 복제

## 개체 정렬/분배



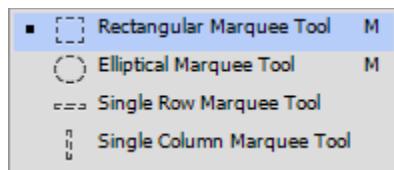
- 1) Align top edges
- 2) Align vertical centers
- 3) Align bottom edges
- 4) Align left edges
- 5) Align horizontal centers
- 6) Align right edges
- 7) Distribute top edges
- 8) Distribute vertical centers
- 9) Distribute bottom edges
- 10) Distribute left edges
- 11) Distribute horizontal centers
- 12) Distribute right edges

## 개체 편집: Edit 메뉴



- 1) Copy: 복사
- 2) Paste: 붙이기
- 3) Cut: 잘라내기

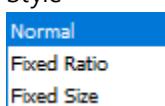
## 개체 선택(선택 도구)



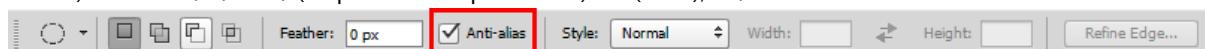
1) 사각형 마크 도구(Rectangular Marquee Tool): 정사각형(shift), 직사각형



- ① New selection
- ② Add to selection, shift
- ③ Subtract from selection, alt
- ④ Intersect with selection, alt+shift
- ⑤ Feather: 가장자리 흐리게, 0 ~ 1000 → 옵션 지정 후 선택
- ⑥ Select > Modify > Feather → 선택 후 옵션 지정
- ⑦ Style



2) 원형 마크 도구(Elliptical Marquee Tool): 원(shift), 타원

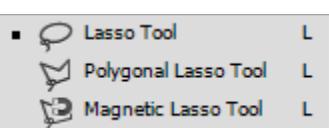


- ① Anti-alias: 계단 현상 제거

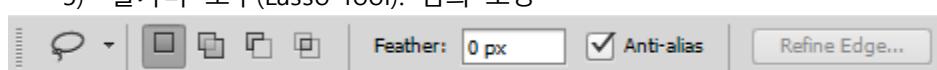
3) 1px 수평선 마크 도구(Single Row Marquee Tool)



4) 1px 수직선 마크 도구(Single Column Marquee Tool)



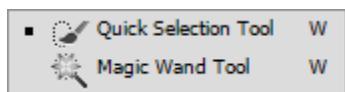
5) 올가미 도구(Lasso Tool): 임의 모양



6) 다각형 올가미 도구(Polygonal Lasso Tool): 삼각형, 사각형, 오각형, ...



7) 자석 올가미 도구(Magnetic Lasso Tool)

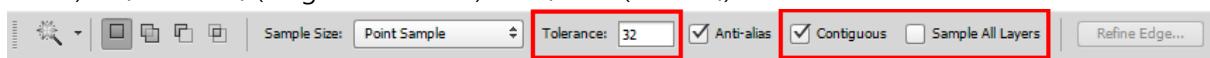


8) 빠른 선택 도구(Quick Selection Tool): 임의 모양



① Size: 크게(), 작게()

9) 마술봉 도구(Magic Wand Tool): 임의 모양(같은 색)

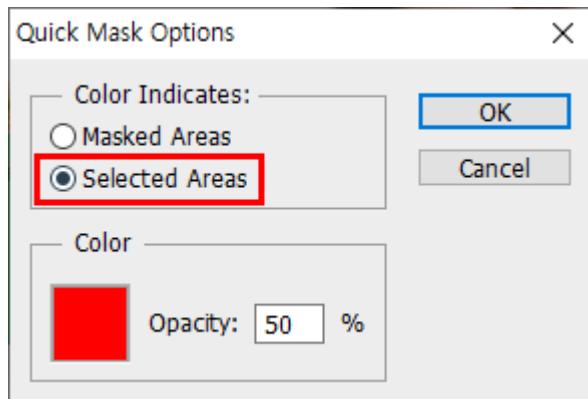


① Tolerance: 0 ~ 255, (기본값: 32)

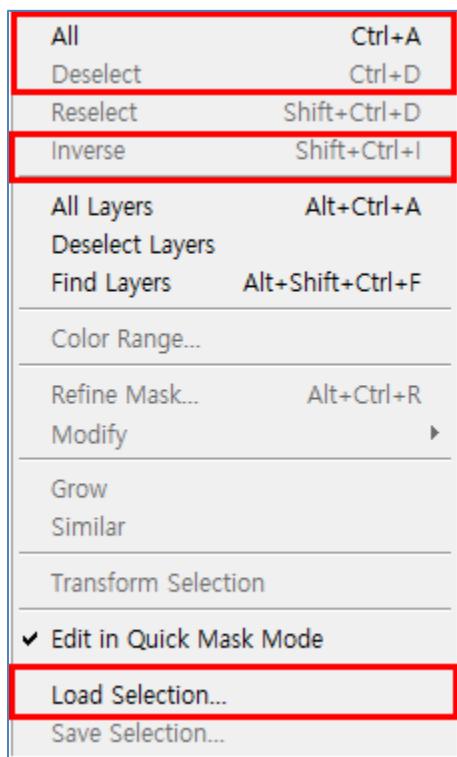
② Contiguous

③ Smple All Layers

10) 퀵 마스크 모드(Edit in Quick Mask Mode)

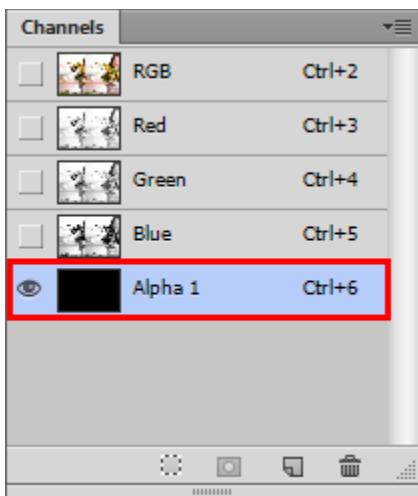


## 개체 선택: Select 메뉴



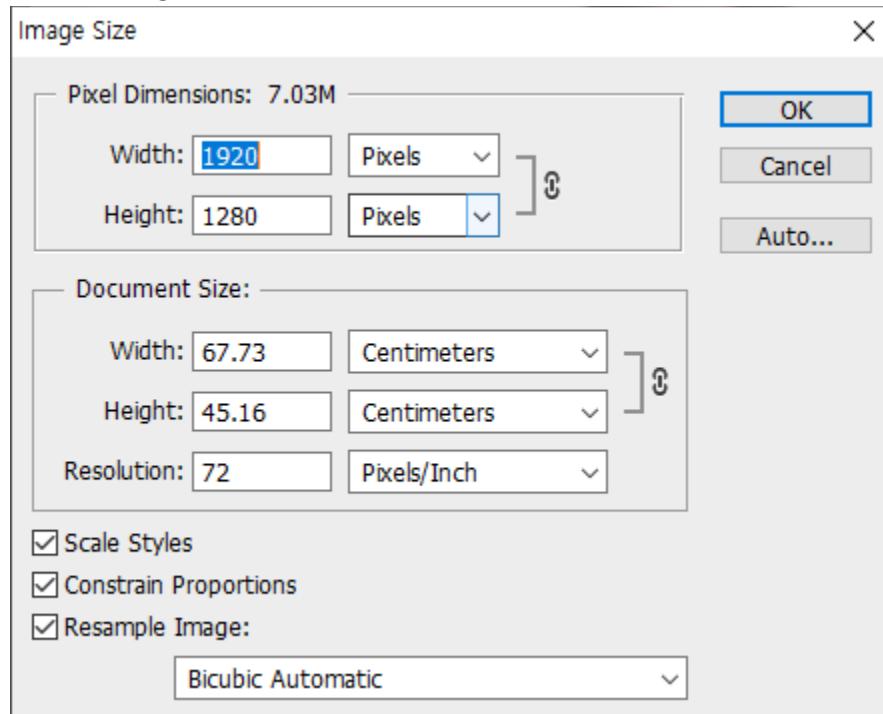
- 1) All: 전체 선택
- 2) Deselect: 선택 해제
- 3) Inverse: 반대 선택
- 4) Load Selection...: 선택 영역 불러오기, 썸네일을 ctrl+클릭
- 5) Modify > Feather: 가장자리 부드럽게

## Channels 패널

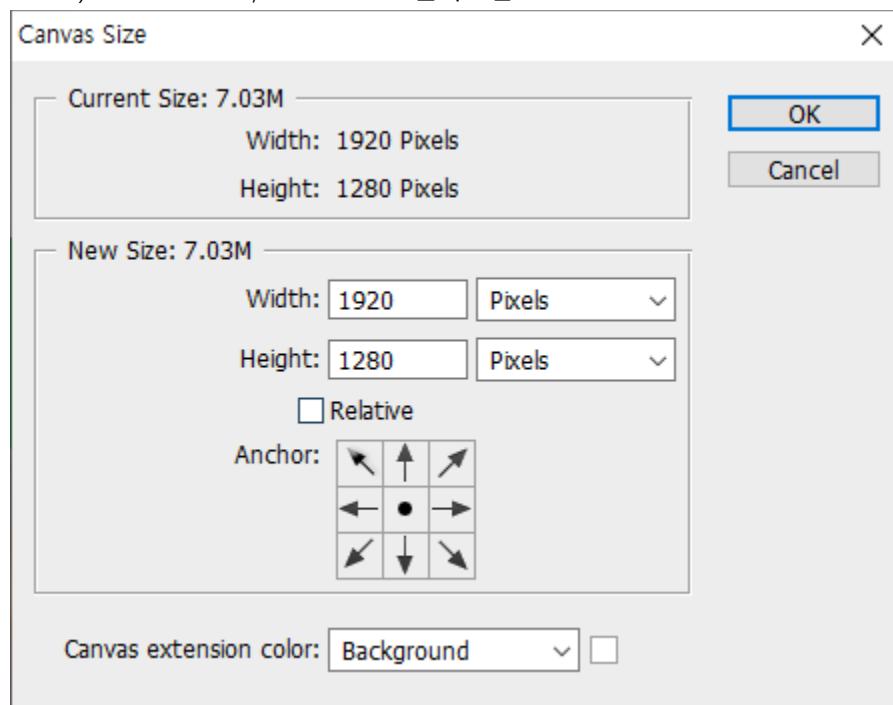


## 이미지와 캔버스: Image 메뉴

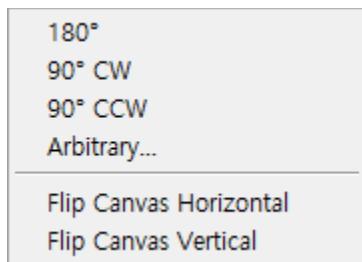
1) Image Size, ctrl+alt+i: 이미지와 + 캔버스



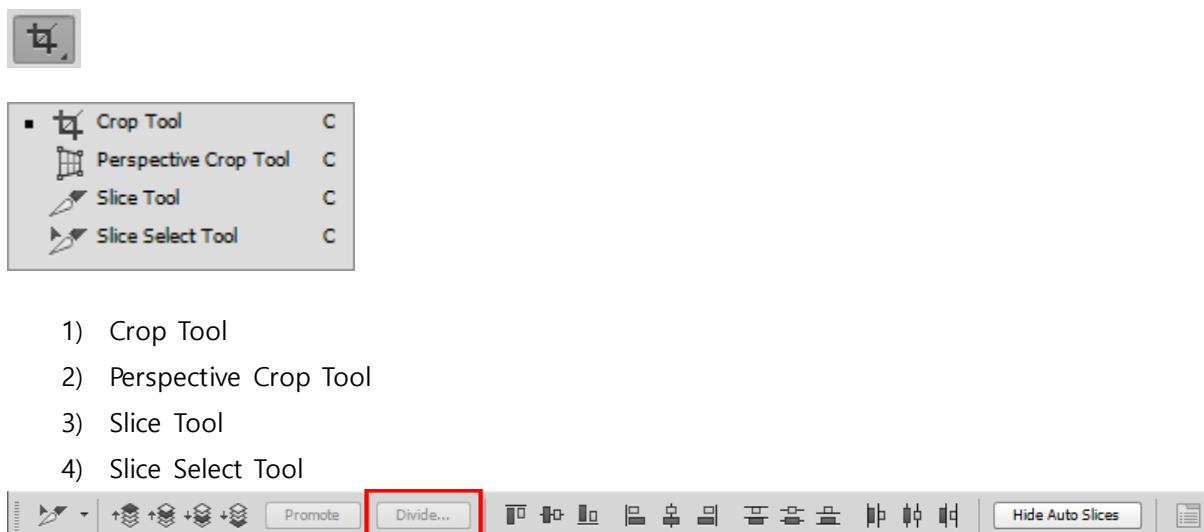
2) Canvas Size, ctrl+alt+C: 캔버스만



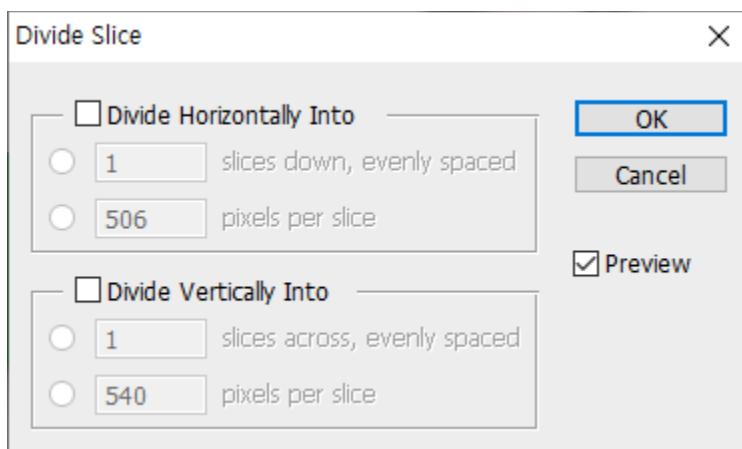
## 캔버스 회전: Image > Rotation 메뉴



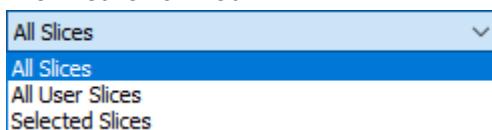
## 이미지 잘라내기



- 1) Crop Tool
- 2) Perspective Crop Tool
- 3) Slice Tool
- 4) Slice Select Tool



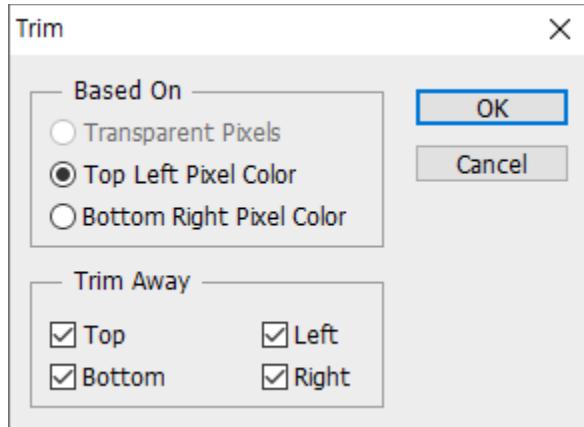
- 5) File > Save for web



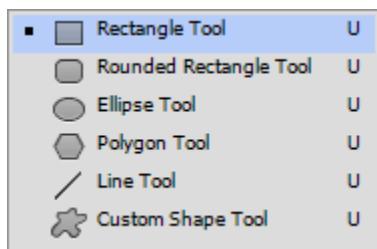
- (1) All Slices : 자동분할영역+사용자분할영역

- ② All User Slices : 사용자분할영역
- ③ Selected Slices : 선택한 분할 영역

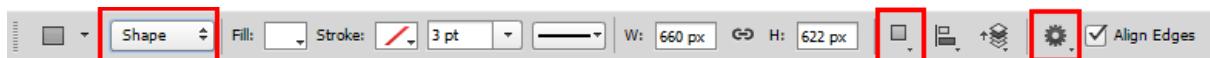
- 6) Image > Crop
- 7) Image > Reveal All
- 8) Image > Trim...



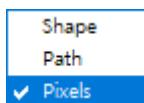
## 모양(Shape) 도구



Rectangle Tool(사각형 도구)

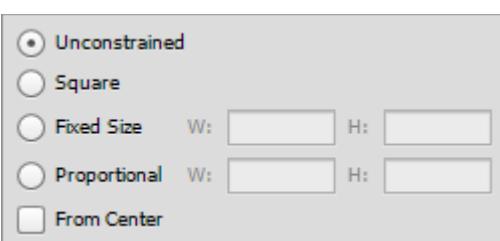
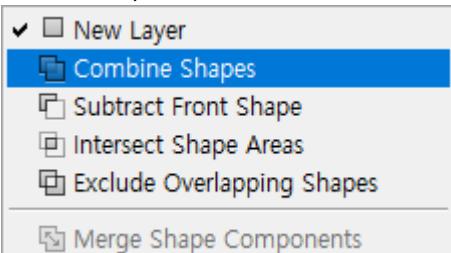


### 1) Pick tool mode



- ① Shape: Path + Pixels
- ② Path
- ③ Pixels

### 2) Path operations



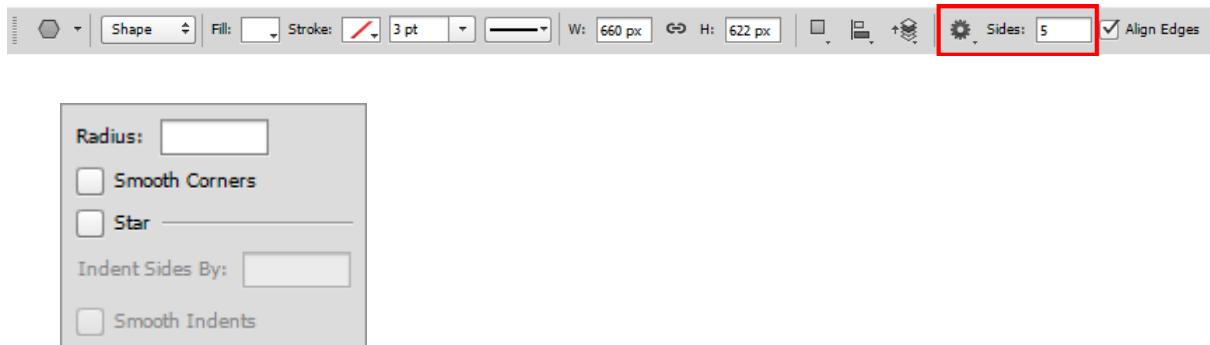
Rounded Rectangle Tool(둥근 사각형 도구)



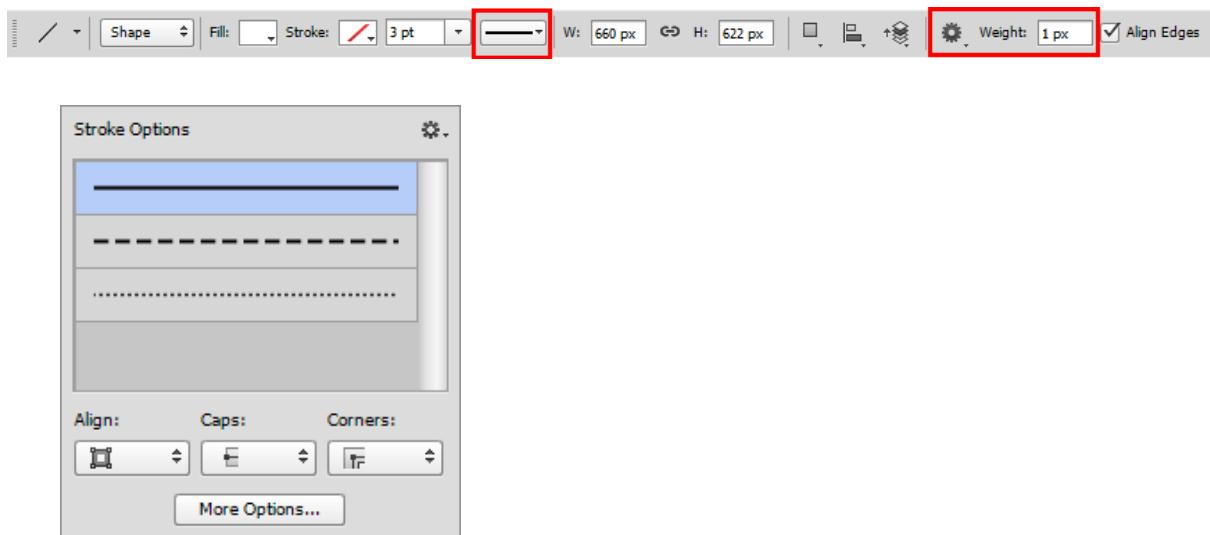
### Ellipse Tool(타원형 도구)

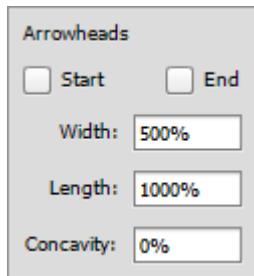


Polygon Tool(다각형 도구): 삼각형, 사각형, 오각형, 별, ...



Line Tool(선 도구): 실선, 점선, 대시 선, 화살표



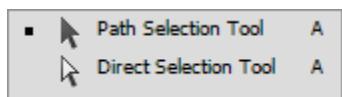
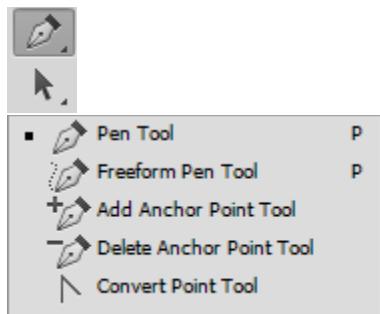


## Custom Shape Tool(커스텀 쉐이프 도구)

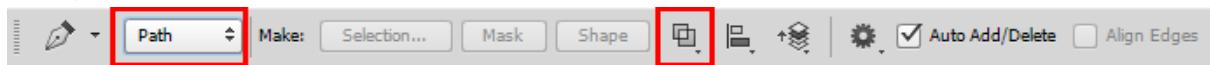
The screenshot shows the Custom Shape Tool interface with the following elements:

- Toolbar:** Includes Shape, Fill, Stroke, and various stroke settings.
- Shapes Panel:** A large grid of over 100 different vector shapes, including arrows, symbols, and icons.
- Shape Selector:** A dropdown menu labeled 'Shapes' with a red border.
- Right Panel:** A sidebar with the following sections:
  - Text Only:** Options for Small Thumbnail, Large Thumbnail, Small List, and Large List.
  - Preset Manager...**
  - Reset Shapes...**
  - Load Shapes...**
  - Save Shapes...**
  - Replace Shapes...**
  - All** (highlighted with a red border)
  - Animals**
  - Arrows**
  - Artistic Textures**
  - Banners and Awards**
  - Film**
  - Frames**
  - Grime Vector Pack**
  - LightBulb**
  - Music**
  - Nature**
  - Objects**
  - Ornaments**
  - Shapes**
  - Symbols**
  - Talk Bubbles**
  - Tiles**
  - Web**

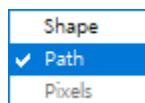
## 펜 도구



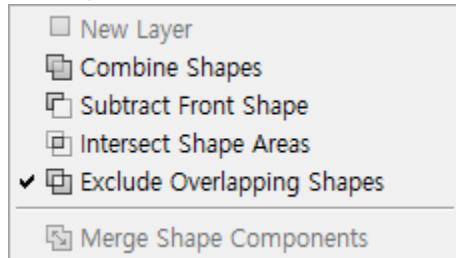
### 1) Pen Tool



#### ① Pick tool mode



#### ② Path operations

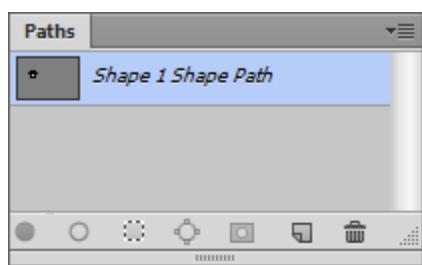


2) Add Anchor Point Tool: 정점 추가

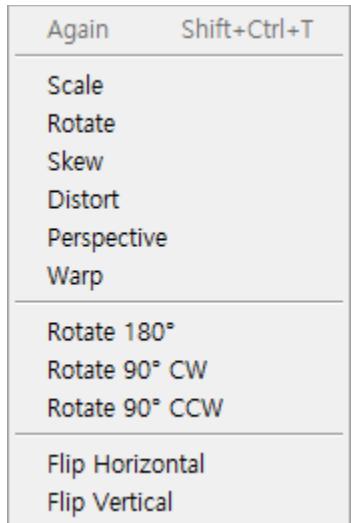
3) Delete Anchor Point Tool: 정점 제거

4) Convert Point Tool: 직선과 곡선 전환

## Paths 패널



## 개체 변형: Edit, Edit > Transform 메뉴



- 1) Edit > Free Transform, ctrl+T
- 2) 반복 복제: ctrl+alt+T → ctrl+alt+shift+T
- 3) Scale: 크기 조절, shft(원, 정사각형, 수직/수평선), alt(중심에서)
- 4) Rotate: 회전, shift(15도)
- 5) Skew: 기울이기, ctrl
- 6) Distort: 왜곡왜곡, ctrl
- 7) Perspective: 원근감, ctrl
- 8) Warp: 왜곡
- 9) Flip Horizontal: 수평(좌우) 대칭
- 10) Filip Vertical: 수직(상하) 대칭
- 11) Edit > Puppet Warp
- 12) Edit > Content-Aware Scale, ctrl+alt+shift+C

## 색

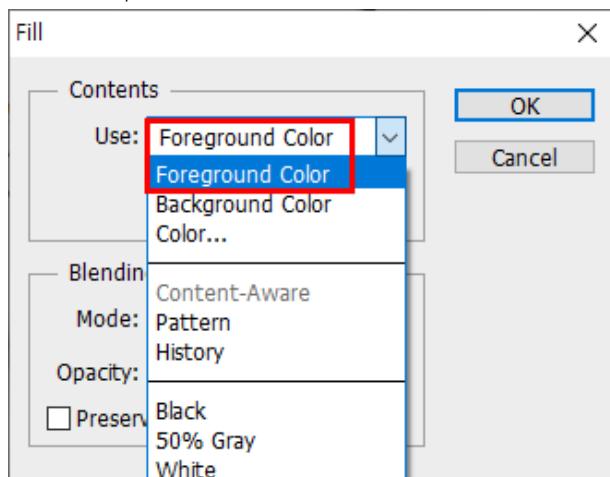
전경색과 배경색



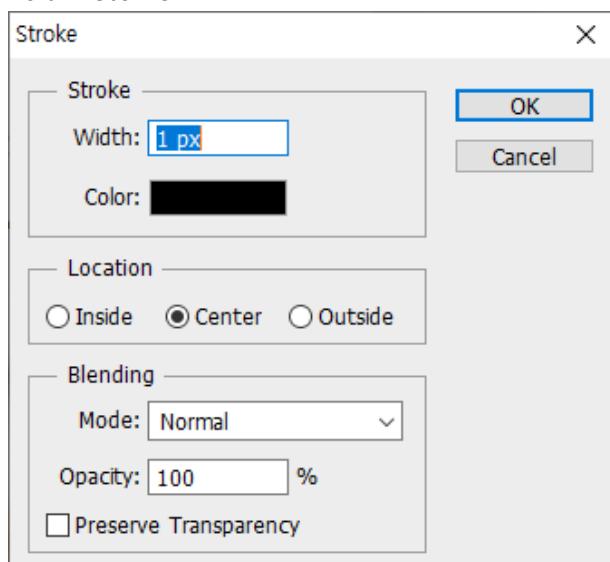
- 1) 전경색(Set foreground color): alt+Del
- 2) 배경색(Set background color): ctrl+Del
- 3) Default Foreground and Background Colors
- 4) Switch Foreground and Background Colors(X)

## 칠과 흐

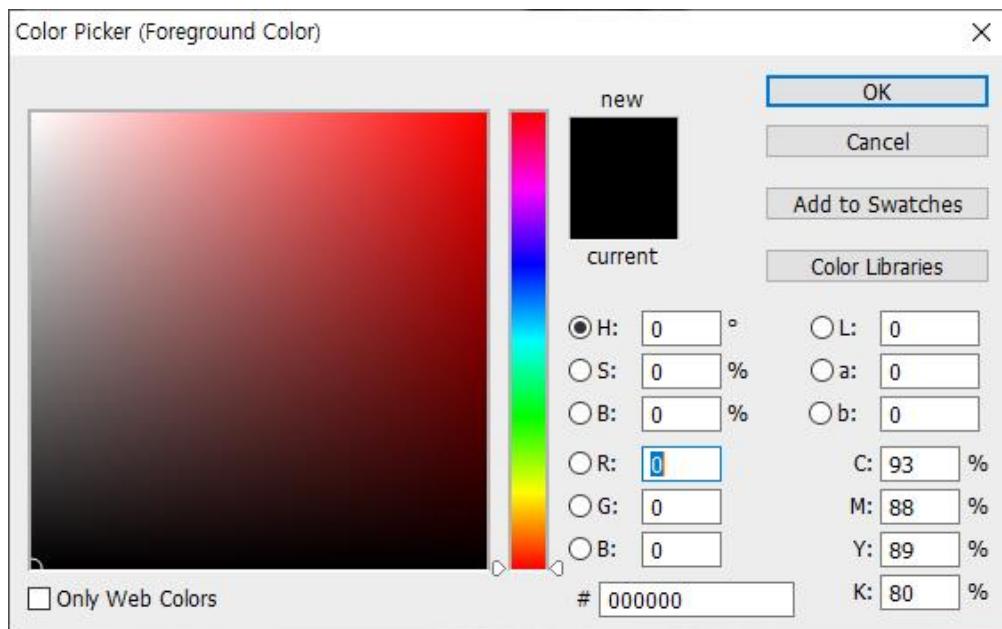
- 1) Edit > Fill, shift+F5



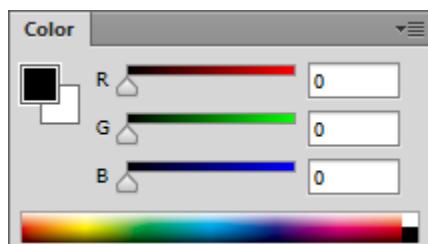
- 2) Edit > Stroke



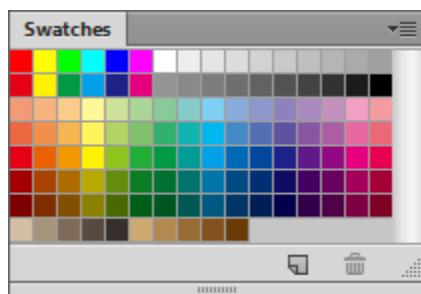
## 컬러 피커(Color Picker)



## color 패널



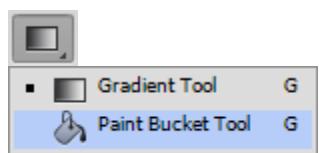
## Swatches 패널



## Eyedropper 도구: 단일 색 추출

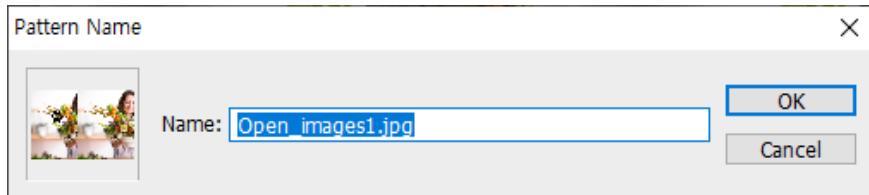


Paint Bucket Tool(페인트통 도구): 닫힌 영역 색 칠

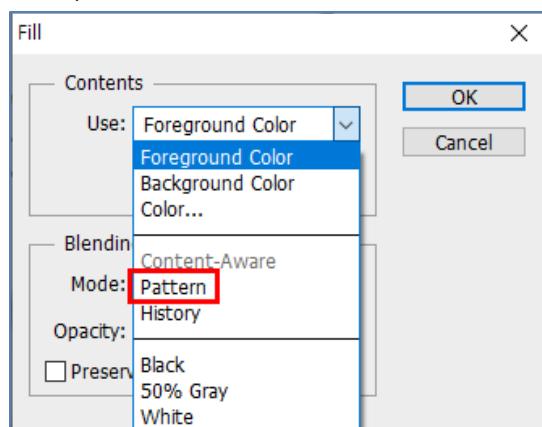


## 패턴(Pattern)

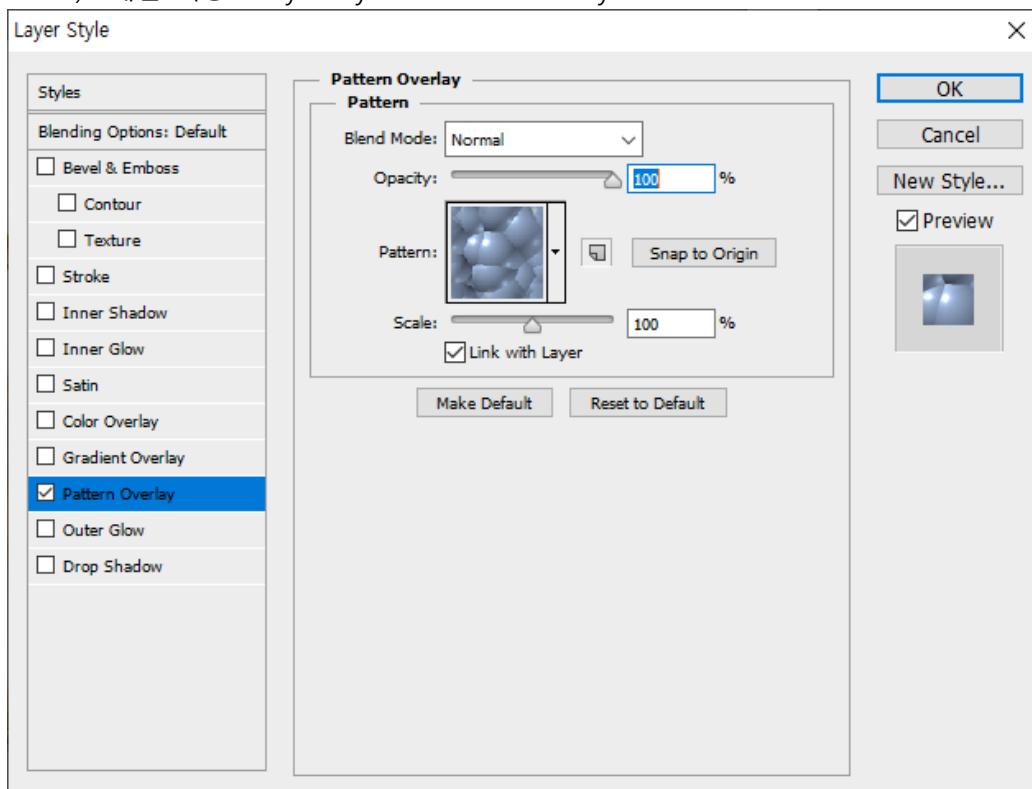
1) 패턴 정의: Edit > Define Pattern



2) 패턴 적용1: Fill > Use: Pattern



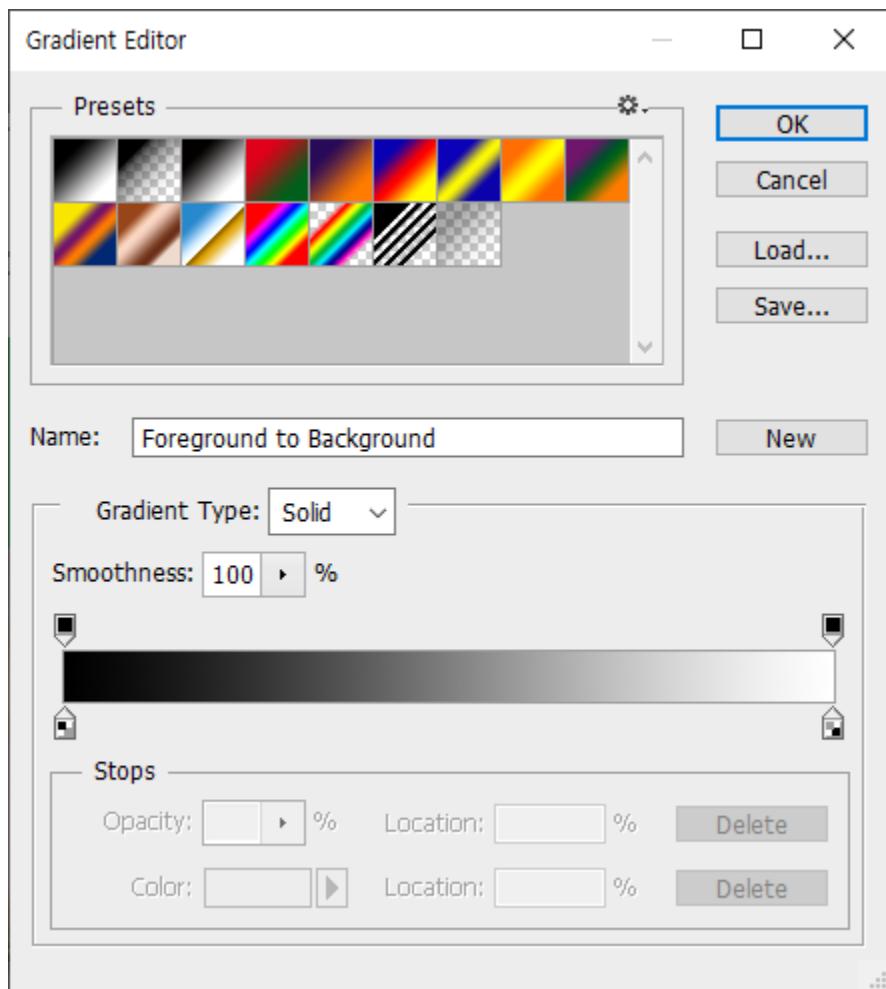
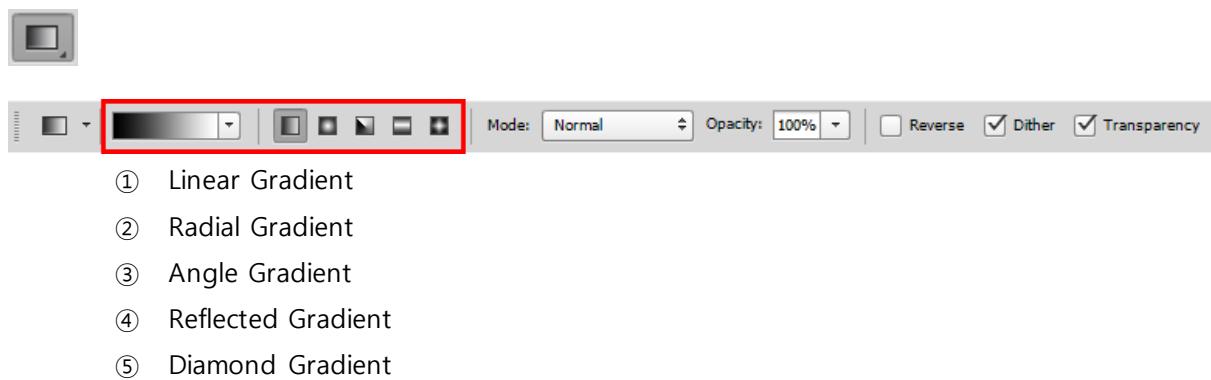
3) 패턴 적용2: Layer Style > Pattern Overlay...



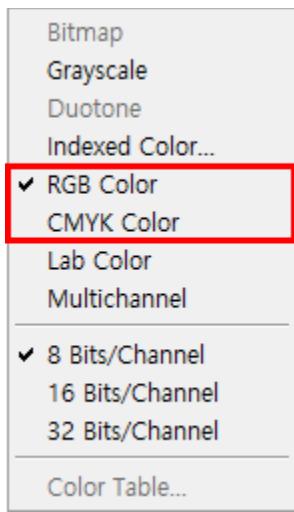
4) 패턴 적용3: Pattern Stamp Tool



## 그라디언트(Gradient)



## 컬러 모드: Image > Mode 메뉴



- 1) RGB Color: 색광 혼합, 화면
- 2) CMYK Color: 색료 혼합, 인쇄
- 3) Grayscale
- 4) Duotone ← Grayscale
- 5) Bitmap ← Grayscale
- 6) Indexed Color ← \*.gif
- 7) Color Table ← Indexed Color

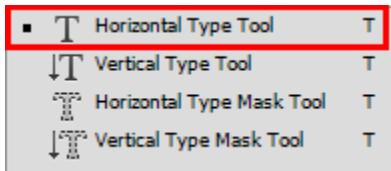
## 컬러 조정: Image > Adjustments 메뉴



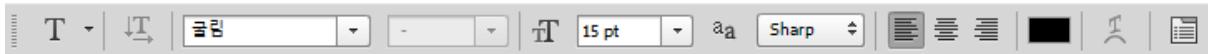
- 1) Brightness/Contrast: 명도와 대비
- 2) Level: 명도와 대비
- 3) Curve: 명도와 대비
- 4) Equalize: 명도 평균화
- 5) Exposure: 전체 밝기
- 6) Shadows/Highlights : 노출 조절
- 7) Photo Filter : 화이트밸런스 교체
- 8) Hue/Saturation: 색상+채도
- 9) Variations : 색상+채도+명도
- 10) Match Color... : 색상 톤 일치
- 11) Replace Color : 색상 대체
- 12) Selective Color : 선택한 색상 변경
- 13) Channel Mixer : 색상 혼합
- 14) Vibrance : 채도 조절
- 15) Color Balance: 색상 균형
- 16) Gradient Map : 그라디언트색 표현

- 17) Black & White: 흑백화 + 1color
- 18) Desaturate: 흑백화(Grayscale)
- 19) Threshold: 흑백 판화 이미지(Bitmap)
- 20) Posterize : 포스터화
- 21) Invert: 보색 반전
- 22) HDR(High Dynamic Range) Toning

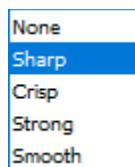
## 텍스트(Text)



### 1) Horizontal Type Tool(가로 문자 도구)



- ① Toggle text orientation
- ② Set the font family
- ③ Set the font style
- ④ Set the font size
- ⑤ Set the anti-alias method



- ⑥ Left align text
- ⑦ Center text
- ⑧ Right align text
- ⑨ Set the text color
- ⑩ Create warped text
- ⑪ Toggle the Character and Paragraph panels

### 2) Vertical Type Tool(세로 문자 도구)

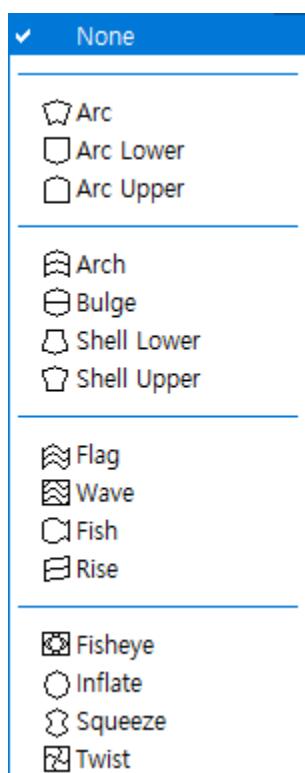
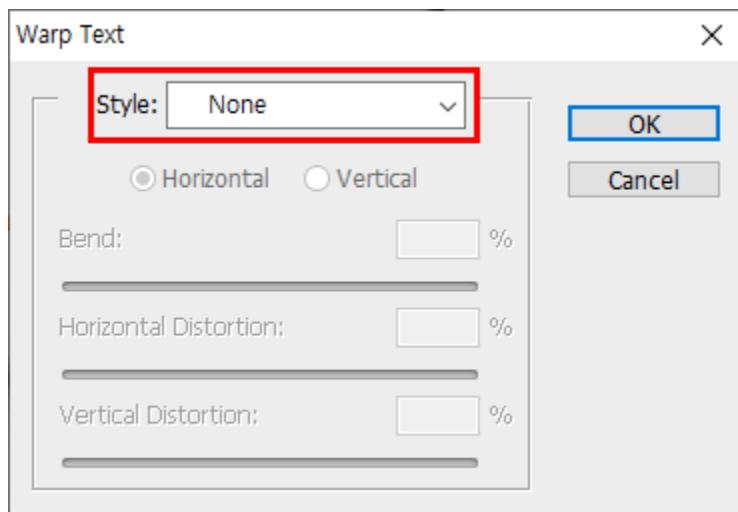
### 3) Horizontal Type Mask Tool(가로 문자 마스크 도구)

### 4) Vertical Type Mask Tool(세로 문자 마스크 도구)

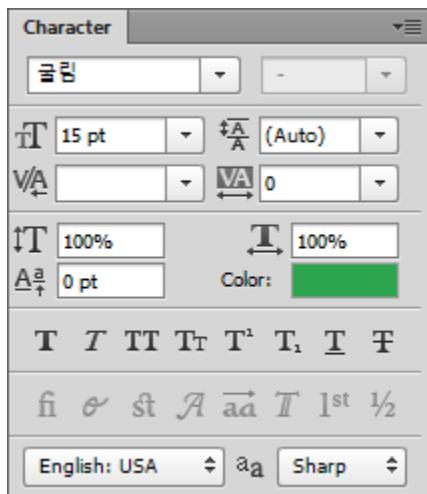
글자를 입력하는 두 가지 방식

- 1) 포인트 텍스트: 클릭
- 2) 단락 텍스트(글상자): 드래그

Create warped text

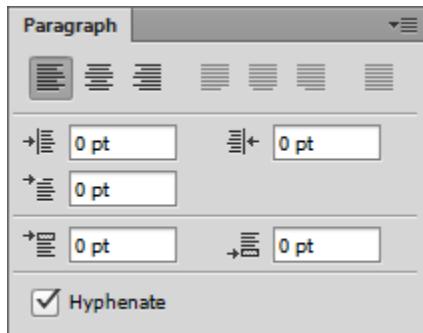


## 문자(Character) 패널



- 1) Set the font family: 글꼴
- 2) Set the font style: 글꼴 스타일
- 3) Set the font size: 글자 크기
- 4) Set the leading: 줄 간격
- 5) Set the kerning between two characters
- 6) Set the tracking for the selected characters: 자간
- 7) Vertically scale
- 8) Horizontally scale: 장 평
- 9) Set the baseline shift: 기준선 이동
- 10) Set the text color: 글자 색
- 11) Faux Bold: 굵게
- 12) Faux Italic: 이텔릭체
- 13) All Caps: 큰 대문자
- 14) Small Caps: 작은 대문자
- 15) Superscript: 위 첨자
- 16) Subscript: 아래 첨자
- 17) Underline: 밑줄
- 18) Strikethrough: 취소선
- 19) Set the anti-aliasing method

## 단락(Paragraph) 패널

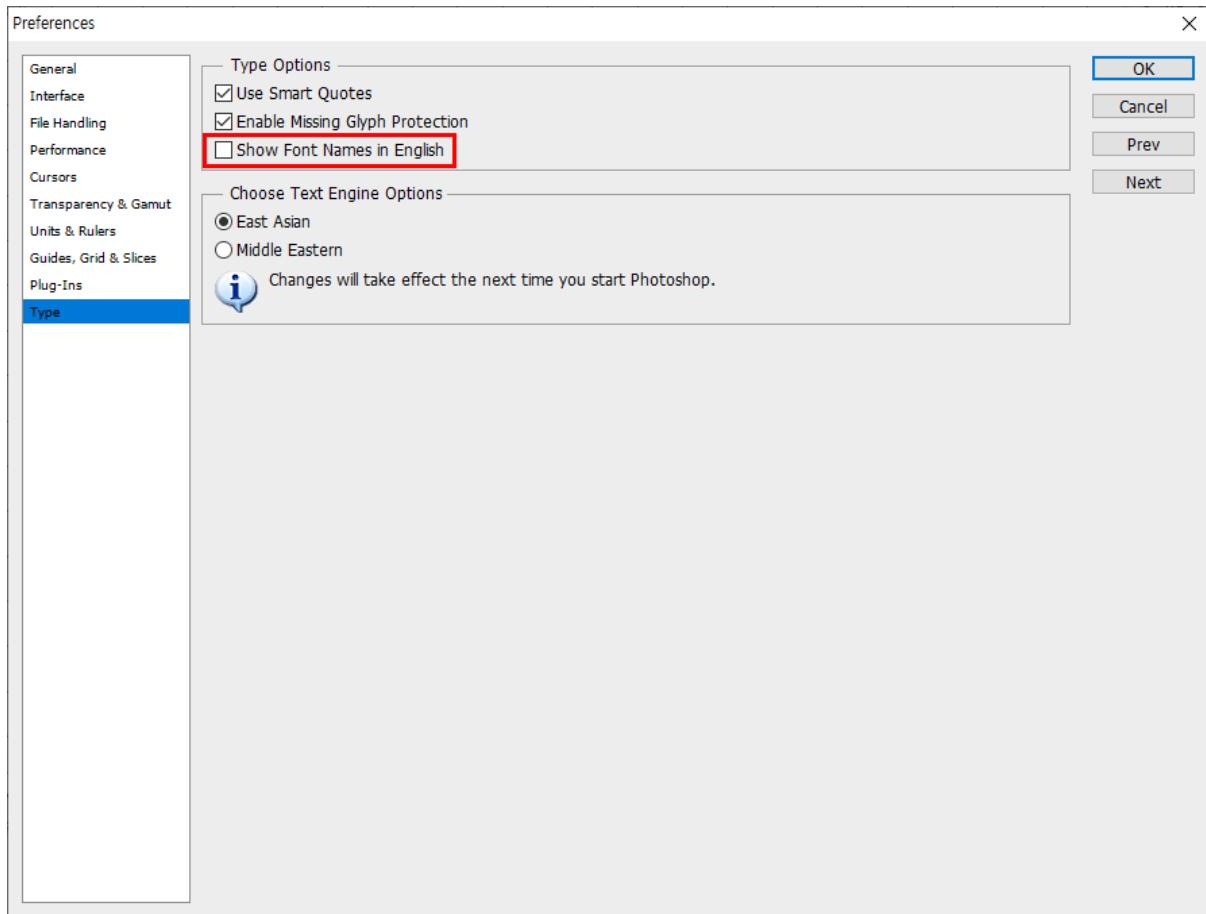


- 1) Left align text: 텍스트 왼쪽 맞춤
- 2) Center text: 텍스트 가운데 맞춤
- 3) Right align text: 텍스트 오른쪽 맞춤
- 4) Justify last left: 양쪽 맞춤, 마지막 줄은 왼쪽 맞춤
- 5) Justify last centered: 양쪽 맞춤, 마지막 줄은 가운데 맞춤
- 6) Justify last right: 양쪽 맞춤, 마지막 줄은 오른쪽 맞춤
- 7) Justify all: 모두 양쪽 맞춤
- 8) Indent left margin: 왼쪽 여백 들여쓰기
- 9) Indent right margin: 오른쪽 여백 들여쓰기
- 10) Indent first line: 첫 줄 들여쓰기
- 11) Add space before paragraph: 문단 이전 여백 추가
- 12) Add space after paragraph: 문단 이후 여백 추가

패스를 따라가는 글자 만들기

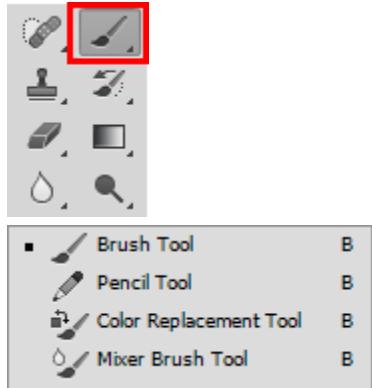
Layer > Rasterize > Type 메뉴: 비트맵화

Edit > Preferences > Type 메뉴: 한글 글꼴을 한글로 표시

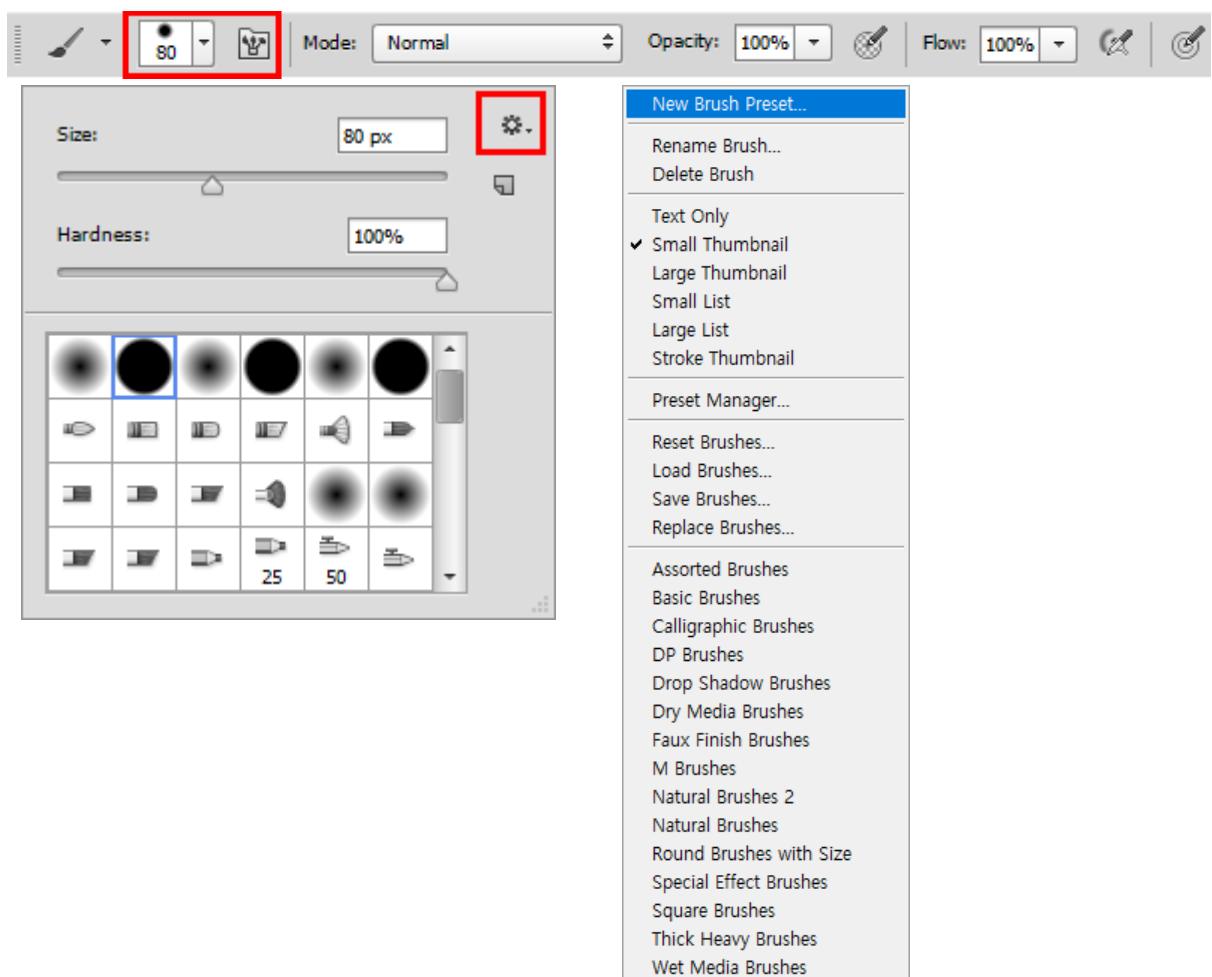


# 리터칭 도구(Retouching Tool)

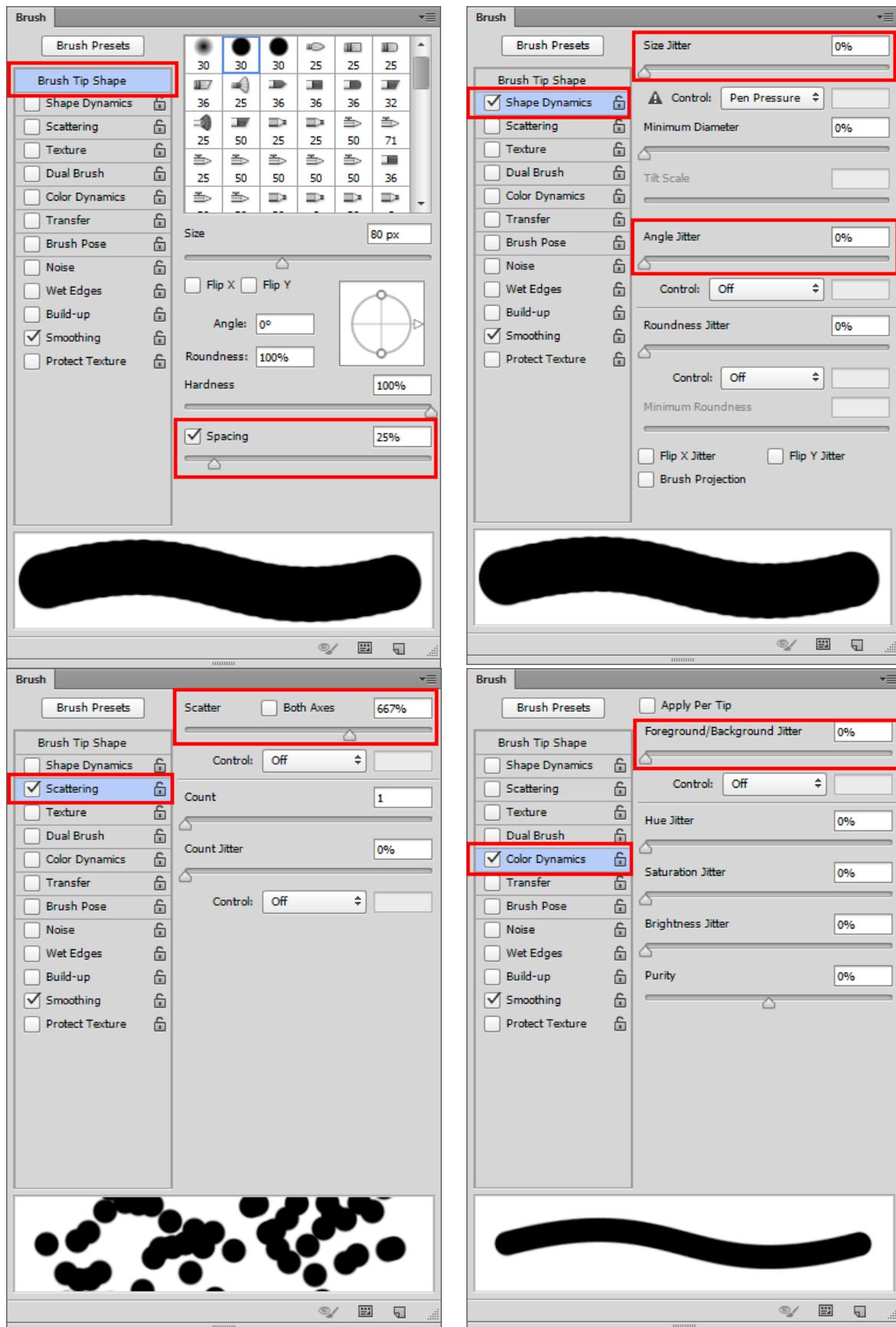
브러시와 연필

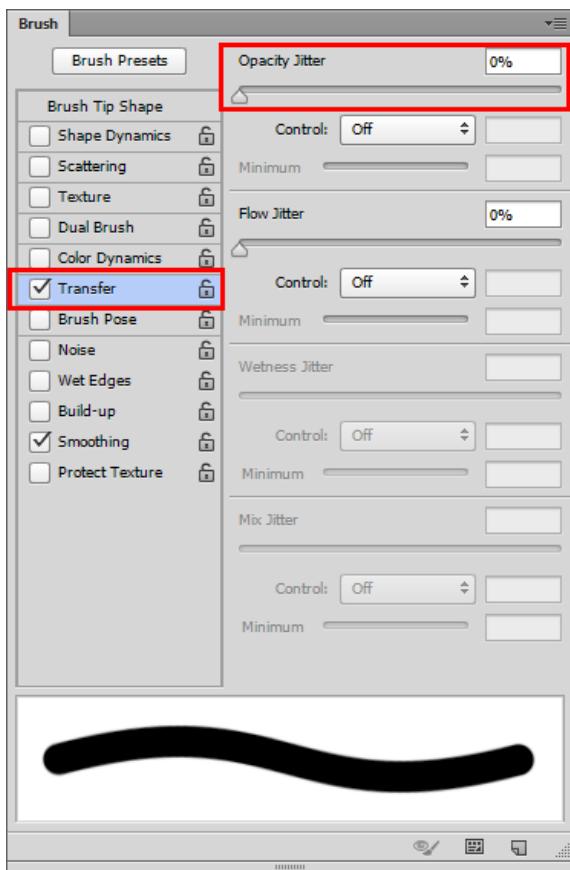


- 1) Brush Tool
- 2) Edit > Define Brush Preset

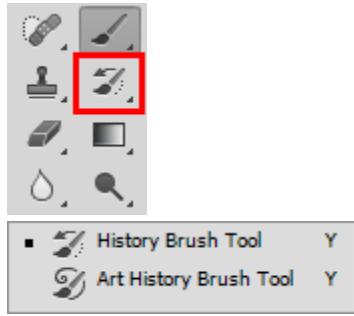


## Brush 패널





## History Brush와 Art History Brush



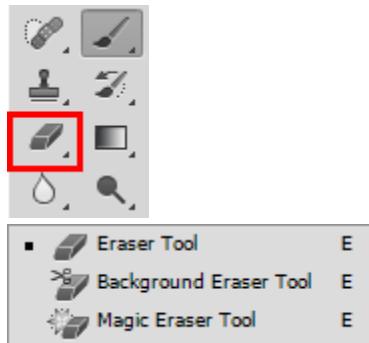
- 1) History Brush
- 2) Art History Brush



### ① Style

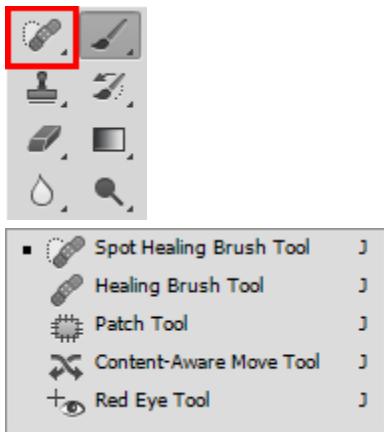


## 지우개 도구



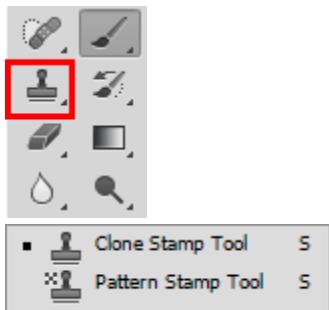
- 1) Eraser Tool(지우개 도구)
- 2) Background Eraser Tool(배경 지우개 도구)
- 3) Magic Eraser Tool(마술 지우개 도구)

## Healing Brush Tool



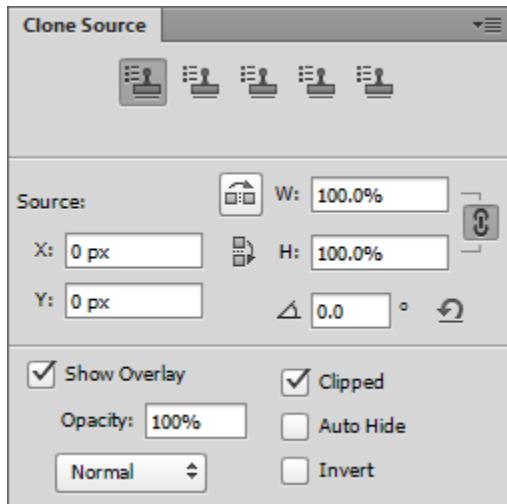
- 1) Healing Brush Tool
- 2) Spot Healing Brush Tool
- 3) Patch Tool
- 4) Content-Aware Move Tool
- 5) Red Eye Tool

## 도장 도구

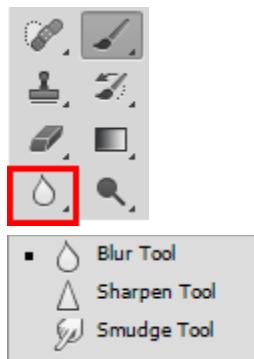


- 1) Clone Stamp Tool
- 2) Pattern Stamp Tool

## Clone Source 패널

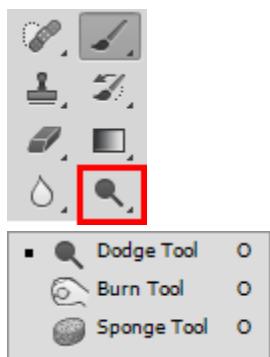


## Blur와 Sharpen 도구



- 1) Blur Tool: 흐리기
- 2) Sharpen Tool: 선명하게
- 3) Smudge Tool: 뭉개기

## Dodge와 Burn 도구



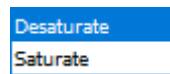
- 1) Dodge Tool: 밝게

2) Burn Tool: 어둡게

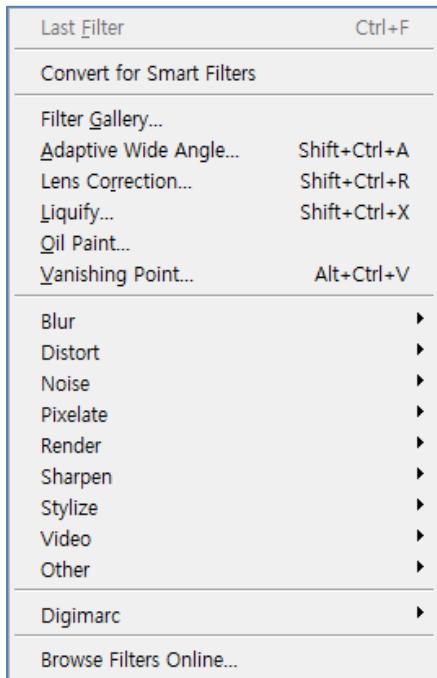
3) Sponge Tool: 채도 조절



① Mode



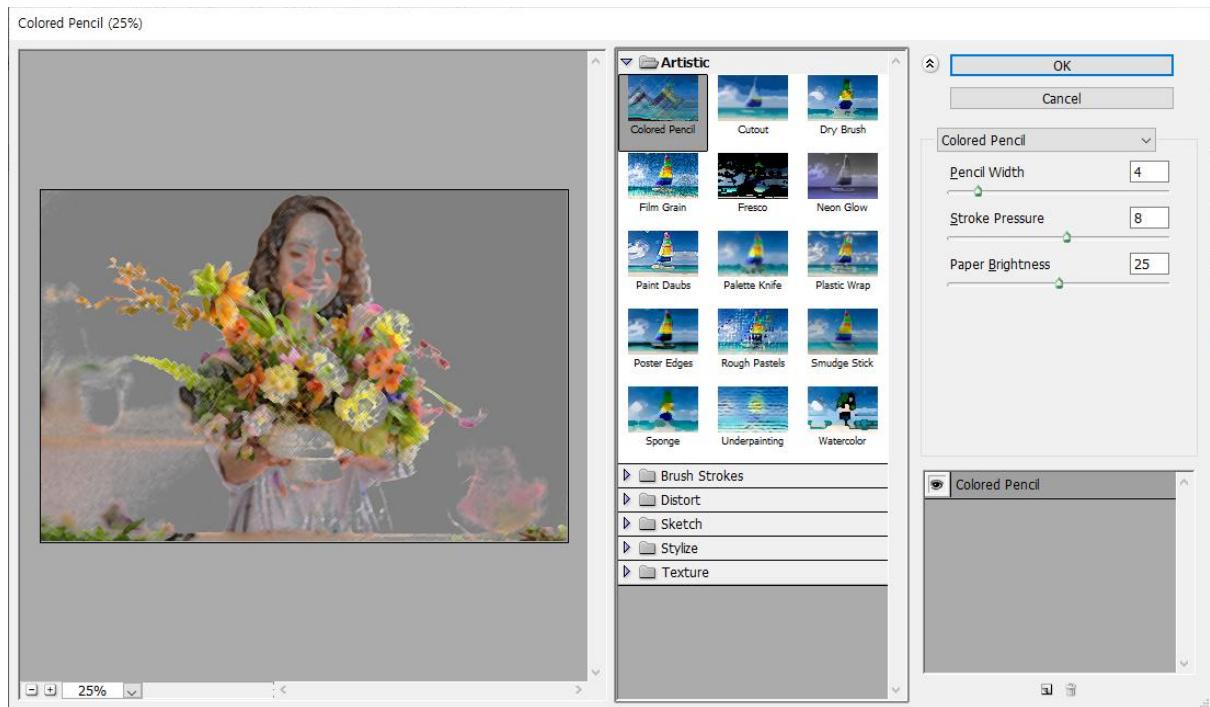
## 필터: Filter 메뉴



- 1) Last Filter: 마지막 필터 즉시 적용
- 2) 마지막 필터를 옵션을 바꾸어 적용: **ctrl+alt+F**

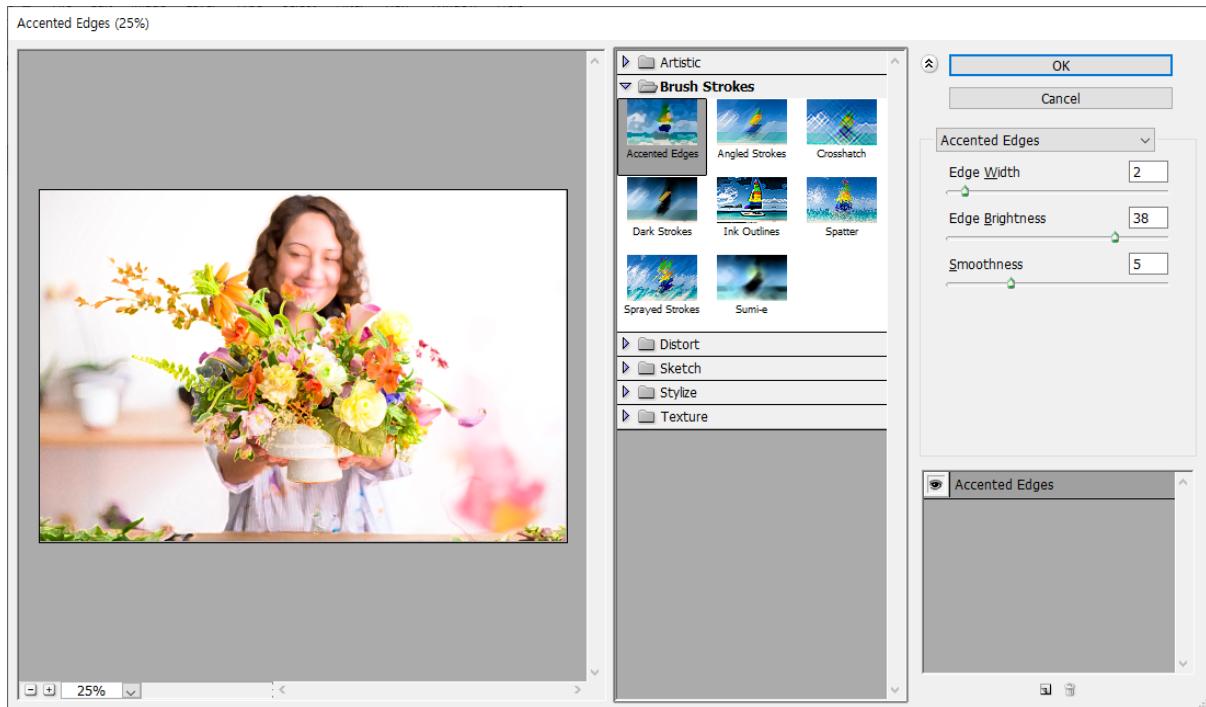
Filter Gallery...

### 1) Artistic



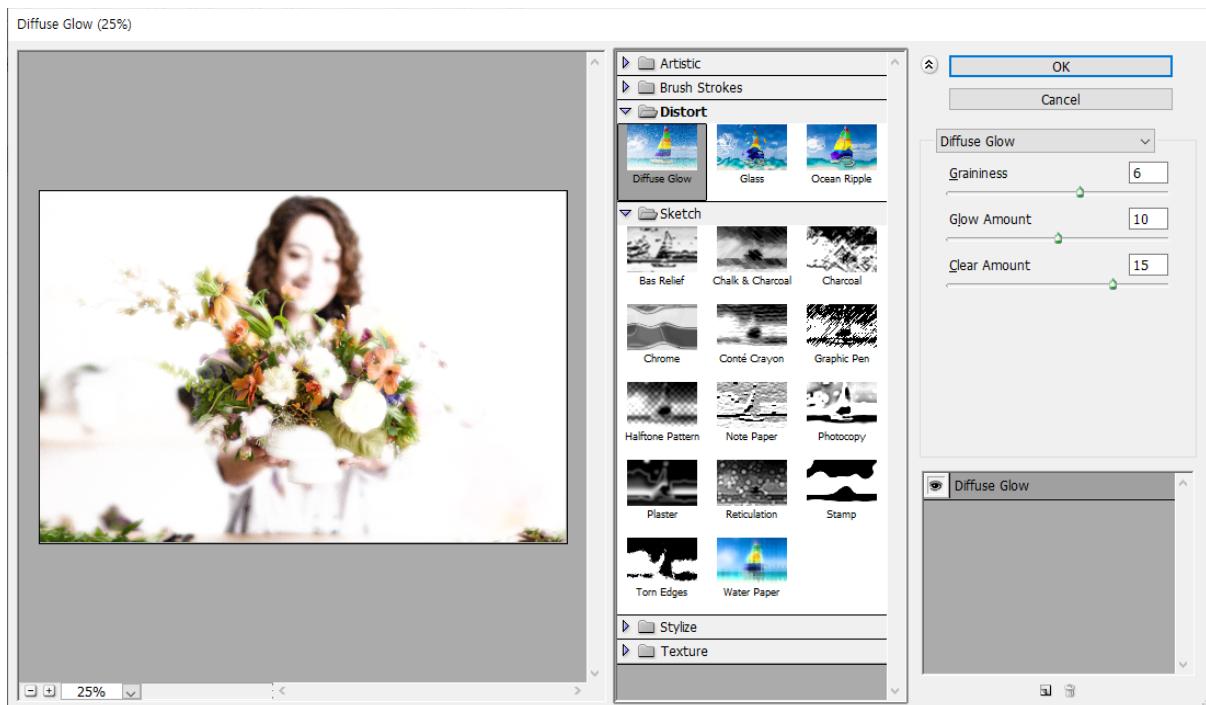
- ① Cutout(오려내기)
- ② Dry Brush(드라이 브러쉬)
- ③ Film Grain(필름 그레인)
- ④ Paint Daubs(페인트 바르기)
- ⑤ Poster Edges(포스터 가장자리)
- ⑥ Rough Pastels(거친 파스텔 효과)
- ⑦ Sponge(스폰지 효과)
- ⑧ Watercolor(수채화 효과)

### 2) Brush Strokes



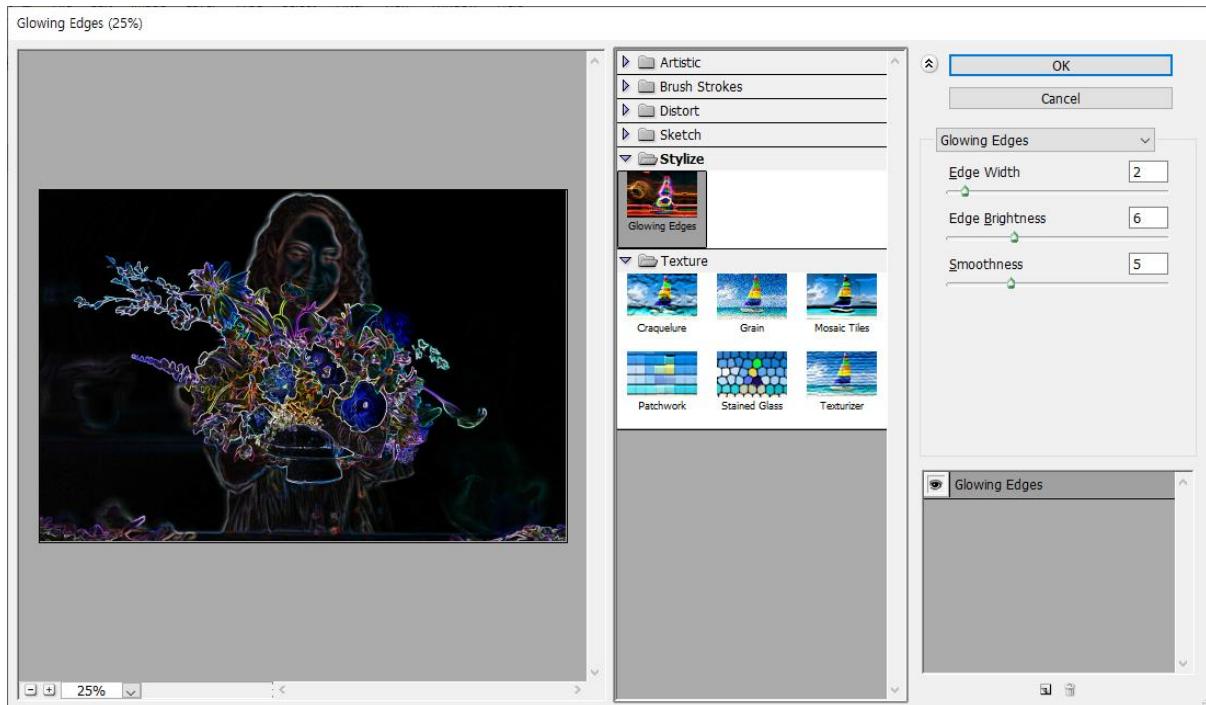
① Brush Strokes > Crosshatch(그물눈)

### 3) Distort, Sketch



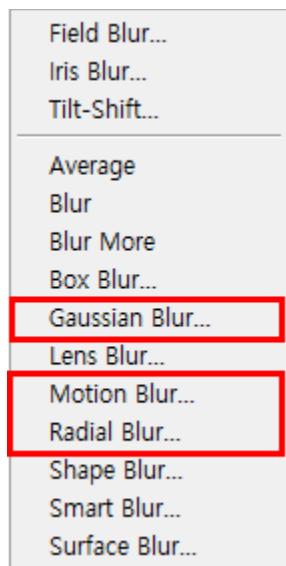
① Distort > Diffuse Glow(광선 확산)

### 4) Stylize, Texture

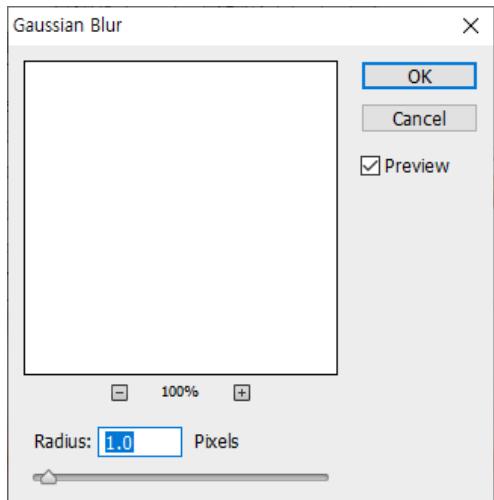


- ① Texture > Mosaic Tiles(모자이크 타일)
- ② Texture > Texturizer(텍스처화)

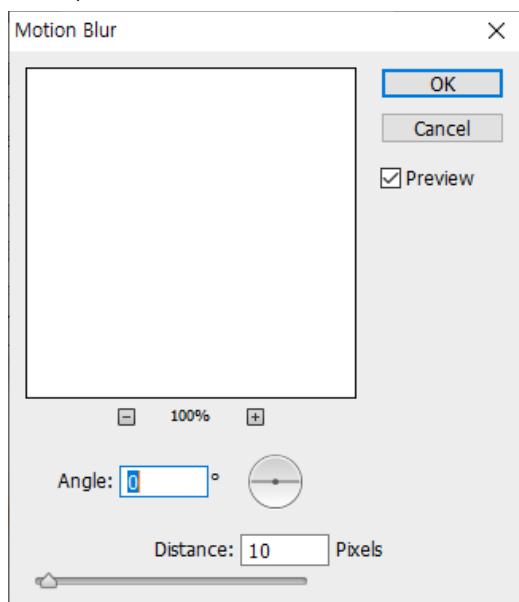
## Blur



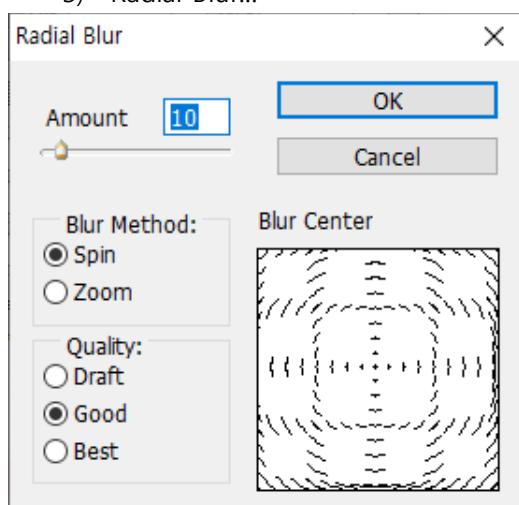
- 1) Gaussian Blur...



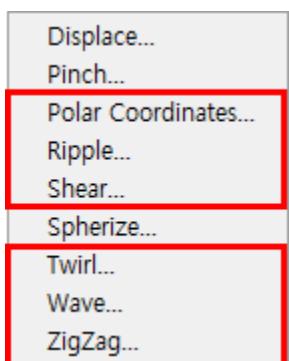
2) Motion Blur...



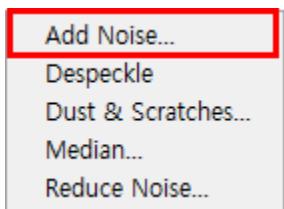
3) Radial Blur...



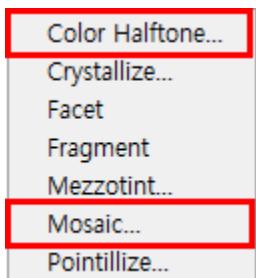
## Distort



## Noise



## Pixelate

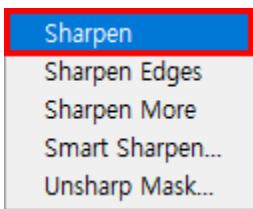


1) Pixelate > Facet(단면화)

## Render



## Sharpen



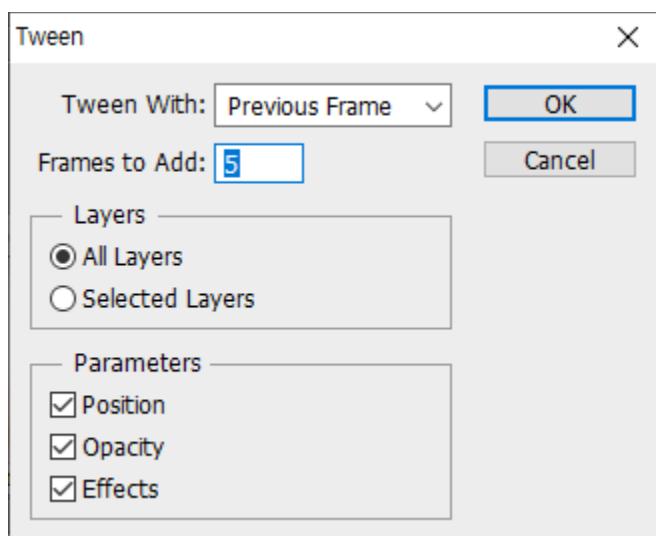
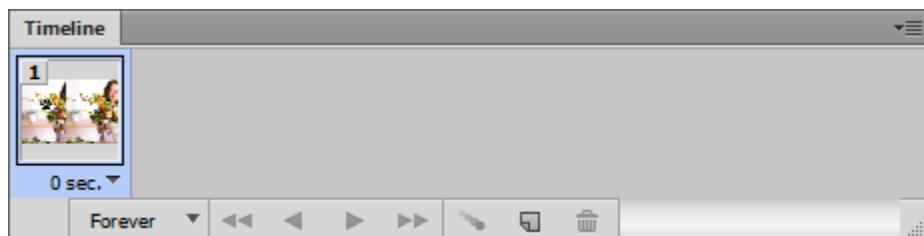
## Stylize



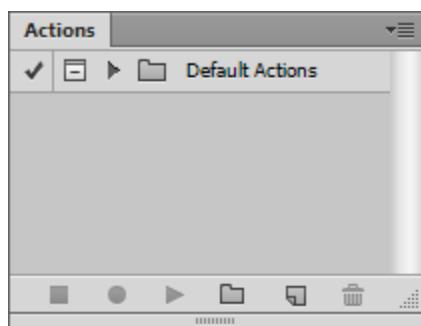
1) Stylize > Wind(바람)

## 애니메이션(Animation)

Timeline 패널



Action 패널



## 자주 사용되는 바로가기 키

New	Ctrl+N	Zoom In	Ctrl++
Open	Ctrl+O	Zoom Out	Ctrl+-
Close All	Ctrl+Alt+W	Actual Pixels	Ctrl+1
Save	Ctrl+S	Grid	Ctrl+'
Save As	Ctrl+Shift+S	Guides	Ctrl+;
Save for Web	Ctrl+Alt+Shift+S	Rulers	Ctrl+R
Step Forward	Ctrl+Shift+Z	Lock Guides	Ctrl+Alt+;
Step Backward	Ctrl+Alt+Z	Layers	F7
Cut	Ctrl+X	Foreground Color	Alt+Del
Copy	Ctrl+C	Background Color	Ctrl+Del
Paste	Ctrl+V		
Free Transform	Ctrl+T		
Levels	Ctrl+L		
Curves	Ctrl+M		
Hue/Saturation	Ctrl+U		
Desaturate	Ctrl+Shift+U		
Color Balance	Ctrl+B		
Black & White	Ctrl+Alt+Shift+B		
Invert	Ctrl+i		
Image Size	Ctrl+Alt+i		
Canvas Size	Ctrl+Alt+C		
Layer via Copy	Ctrl+J		
Layer via Cut	Ctrl+Shift+J		
Create Clipping Mask	Ctrl+Alt+G		
Group Layers	Ctrl+G		
Ungroup Layers	Ctrl+Shift+G		
Bring to Front	Ctrl+Shift+]		
Bring Forward	Ctrl+]		
Send Backward	Ctrl+[		
Send to Back	Ctrl+Shift+[		
Merge Down	Ctrl+E		
All	Ctrl+A		
Deselect	Ctrl+D		
Inverse	Ctrl+Shift+i		
Last Filter	Ctrl+F		