Converting Colors

Hex(F7FF85)

Have a look what the booklet for Hex(F7FF85) contains.

Color

Hex(F7FF85)

Conversions

Conversions Part 1

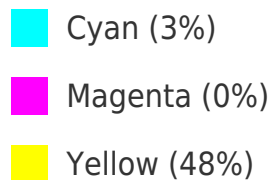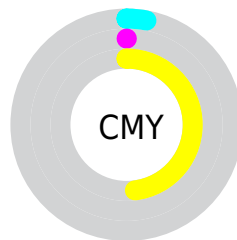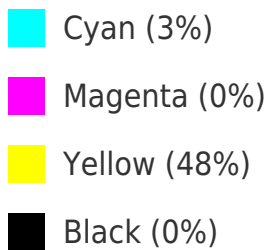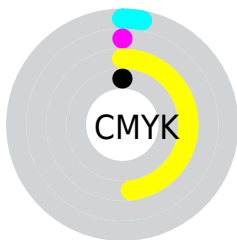| Format	Color
Hex	F7FF85
RGB	247, 255, 133
RGB Percent	97%, 100%, 52%
CMY	0.0314, 0.0000, 0.4784
CMYK	0.03, 0.00, 0.48, 0.00
HSL	64°, 100%, 76%
HSV	64°, 48%, 100%
XYZ	78.3514, 92.9876, 36.0091

Conversions

Conversions Part 2

Format	Color
RYB	133, 255, 141
Decimal	16252805
CIELab	97.22, -19.21, 56.90
CIELCh	97, 60.058, 108.653
Yxy	92.9876, 0.3779, 0.4485
Android (android.graphics.Color)	4294442885 (0xFFF7FF85)
YUV	238.7000, -52.1101, 7.2791

Details

The Hex color F7FF85 is a light color, and the **websafe** version is hex FFFF99. A complement of this color would be 8D85FF, and the grayscale version is EFEFEF.

A 20% lighter version of the original color is FFFFBC, and BDC64F is the 20% darker color. If you saturate the color by 10%, you get F5FF6C, and if you desaturate by 10%, it is F9FF9F.

Distribution

RGB

Red (97%)

Green (100%)

Blue (52%)

RYB

Red (52%)

Yellow (100%)

Blue (55%)

CMYK

Cyan (3%)

Magenta (0%)

Yellow (48%)

Black (0%)

CMY

Cyan (3%)

Magenta (0%)

Yellow (48%)
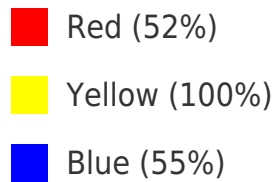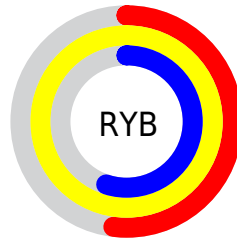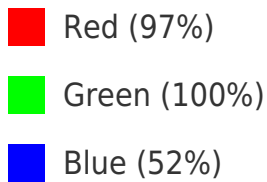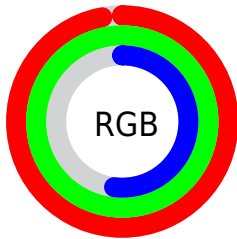
Brightness & Saturation Gradients

These gradients show how the Hex color F7FF85 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color F7FF85 by changing the saturation by 10% instead.

F7FF85

FFFFA0

FFFFBC

FFFFD9

FFFFF6

FFFFFF

F7FF85

DAE26A

BDC64F

A0AB34

849115

697700

4F5E00

354700

1B3000

001D00

F7FF85

F5FF6C

F4FF52

F2FF39

F0FF1F

EFFF06

F7FF85

F9FF9F

FAFFB8

FCFFD2

FEFFEB

FFFFFF

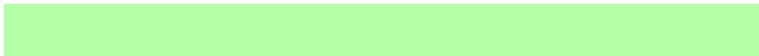EEFF00

Harmonies

Analogous

The analogous color harmony consists of three colors that are next to each other on the color wheel.

FFEC83

F7FF85

B4FFA7

Triad

The triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

F7FF85

00FFFF

FFCAFF

Complementary

The complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

F7FF85

8D85FF

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.
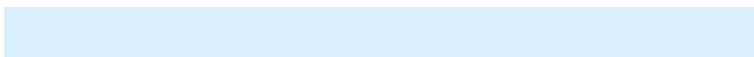
FFDAFF

F7FF85

61FFFF

Square

The square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

F7FF85

00FFFF
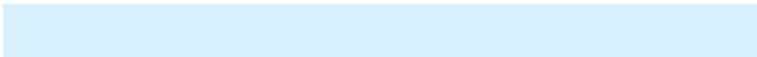
DAF0FF

FFC9D5

Rectangle

The rectangle color scheme consists of four colors that form a rectangle on the color wheel.

F7FF85

7DFFCA

DAF0FF

FFCEFF

Sweetspot

The sweet spot groups the original color and five complimentary colors.
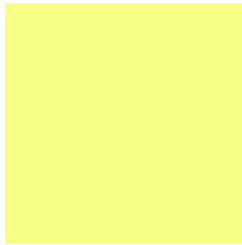
F7FF85

FDFFDB

FF8B85

7E806A

000000

808080

Previews

White Background

This preview shows how the Hex color F7FF85 looks on a white background.
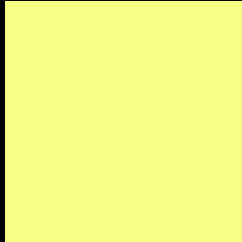
Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background

This preview shows how the Hex color F7FF85 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

Hex F7FF85 Background

This preview shows how black text looks on a background with the Hex color F7FF85.

This preview shows how white text looks on a background with the Hex color F7FF85.
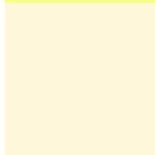
Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.
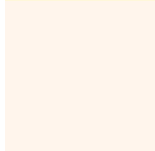
Dichromacy
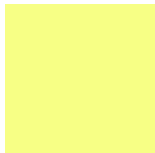
Original Color
F7FF85

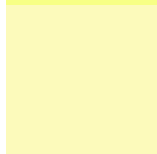**Protanopia**
FFF7DA

Deuteranopia
FFF5EC

Tritanopia
FFF3FE

Trichromacy

Original Color
F7FF85

Protanomaly
FCFABB

Deuteranomaly
FCF9C7
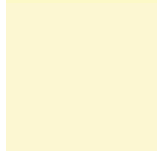
Tritanomaly
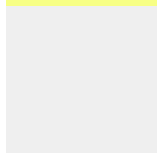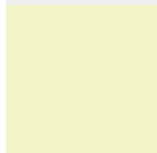FCF7D2

Monochromacy

Original Color
F7FF85

Achromatopsia
EFEFEF

Achromatomaly
F2F5C8

CSS Examples

Text

The CSS property to change the color of the text to Hex F7FF85 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #F7FF85 looks like.

```
.text, #text, p{
    color:#F7FF85
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel #F7FF85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7FF85 }
```

Border

The CSS property to change the border of an element to Hex F7FF85 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #F7FF85 }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:#F7FF85 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #F7FF85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px
4px #F7FF85; -webkit-box-shadow:4px 4px
4px 4px #F7FF85; box-shadow:4px 4px 4px
4px #F7FF85 }
```

Background

The CSS property to change the background color of an element to Hex F7FF85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#F7FF85 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#F7FF85 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

Hey! You found this booklet interesting? Have a look at my other booklet HOWCOLORS.WORK – A CSS color notation guide.

HOWCOLORS.WORK

A CSS color notation guide.
Are you new to web development and want to know the different ways to express colors in CSS? Then this booklet is for you!

HOWCOLORS.WORK will help you understand the syntax of the color notations in CSS.
You will learn all the current and new ways to express colors to prepare yourself for the future!

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