

02

OPEN ORIENTED

凹凸实验室

# CSS3: mask

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# CSS3: mask

在 web 上实现PS蒙板功能



*Original image*

+



*Mask (Image)*

=



*Masked image*



*Original image*

+



*Mask (gradient)*

=



*Masked image*

## 02

[illegible]

mask 语法

# mask 语法

mask	background
mask-clip	background-clip
*mask-composite	-
mask-image	background-image
*mask-mode	-
mask-origin	background-origin
mask-position	background-position
mask-repeat	background-repeat
mask-size	background-size
-	background-attachment
-	background-color

mask 与 background 语法相通

# mask-border 语法

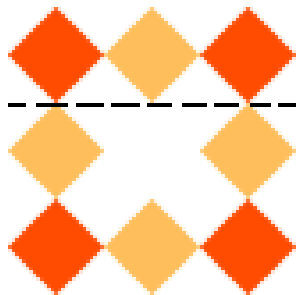
mask-border	border-image
mask-border-source	border-image-source
*mask-border-mode	-
mask-border-slice	border-image-slice
mask-border-width	border-image-width
mask-border-outset	border-image-outset
mask-border-repeat	border-image-repeat

mask-border 与 border-image 语法相通

强插 border-image 广告



# border-image 之九宫格



border-image-slice  
源图片剪裁



border-image-width  
Dom节点剪裁

# border-image 之九宫格



图片:A



DIV: B

## border-image 注意事项

- Border-image-slice 关键字: fill, 表示是否填充节点中间宫格
- Border-image-slice 没有高清区分, border-image-width 有高清区别:

```
border-image-slice: npx npx fill;  
border-image-width: n/2 px n/2 px;
```

- 应用 Border-image 必须保证:
  1. Border-width > 0
  2. Border-style  $\neq$  none
  3. Border-color  $\neq$  transparent (alpha 通道不能为0)

更多详细内容，请访问：



<https://aotu.io/notes/2016/11/02/border-image/>

几个 mask 的应用场景

## mask 应用场景 - 图片切换颜色

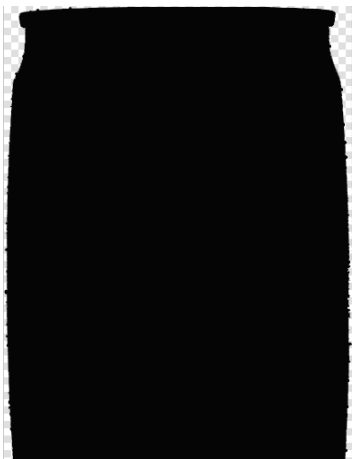
- <http://jdc.jd.com/fd/h5/1701/ny/ny2nd.html>
- <http://jdc.jd.com/fd/h5/1701/ny/ny3rd.html>
- <http://jdc.jd.com/fd/h5/1701/ny/ny4th.html>
- <http://jdc.jd.com/fd/h5/1701/ny/ny6th.html>

## mask 应用场景 - 处理大文件 PNG



格式: png  
大小: 316K

# mask 应用场景 - 处理大文件 PNG



格式: png  
大小: 6.84K

+



格式: jpg  
大小: 44.9K

=



格式: 合成  
大小: 6.84K

<http://jdc.jd.com/fd/promote/leenx/mask/mask.html>



**T H A N K S**  
**FOR YOUR WATCHING**