

# Converting Colors

Hex(F94EC6)

Have a look what the booklet for  
Hex(F94EC6) contains.

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# Color

Hex(F94EC6)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | F94EC6                     |
| RGB         | 249, 78, 198               |
| RGB Percent | 98%, 31%, 78%              |
| CMY         | 0.0235, 0.6941, 0.2235     |
| CMYK        | 0.00, 0.69, 0.20, 0.02     |
| HSL         | 318°, 93%, 64%             |
| HSV         | 318°, 69%, 98%             |
| XYZ         | 51.9844, 29.6657, 56.4123  |
| YIQ         | 142.8090, 63.3960, 73.5720 |

# Conversions

## Conversions Part 2

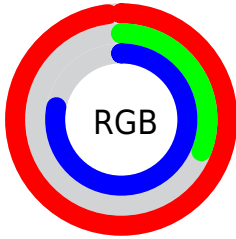
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">249, 78, 198</a>                   |
| Decimal                             | <a href="#">16338630</a>                       |
| CIELab                              | <a href="#">61.36, 75.43, -27.25</a>           |
| CIELCh                              | <a href="#">61, 80.199, 340.140</a>            |
| Yxy                                 | <a href="#">29.6657, 0.3765,<br/>0.2149</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4294528710<br/>(0xFFFF94EC6)</a>   |
| YUV                                 | <a href="#">142.8090, 27.2092,<br/>93.1295</a> |
| Hunter-Lab                          | <a href="#">54.4663, 75.0502,<br/>-23.2820</a> |

# Details

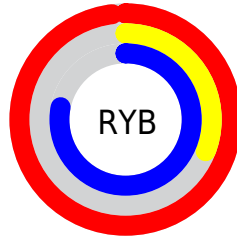
The Hex color **F94EC6** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed magenta. A complement of this color would be **4EF981**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FF8BFF**, and **BC0090** is the 20% darker color. If you saturate the color by 10%, you get **F935BF**, and if you desaturate by 10%, it is **F967CD**.

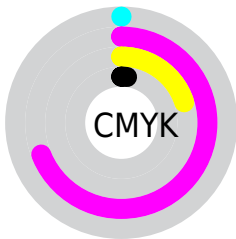
# Distribution



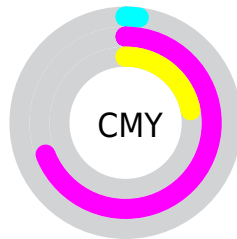
- Red (98%)
- Green (31%)
- Blue (78%)



- Red (98%)
- Yellow (31%)
- Blue (78%)



- Cyan (0%)
- Magenta (69%)
- Yellow (20%)
- Black (2%)



- Cyan (2%)
- Magenta (69%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F94EC6 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 F94EC6 by changing the saturation by 10% instead.



 F94EC6

 F94EC6

FFFFFF

 DB2AAB

 FF8BFF

 BC0090

 FFA8FF

 9F0076

 FFC6FF

 82005D

 FFE4FF

 650045

 4A002F

 2D0019

 000000

 F94EC6

 F94EC6

 F935BF

 F967CD

 F91CB7

 F980D5

 F903B0

 F999DC

 F900AF

 F9B2E4

 F9CBEB

 F9E3F3

 F9FCFA

 F9FFFF

# Harmonies

## Analogous

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



B375FF



F94EC6



FF3F7F

# Triad

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



F94EC6



9D9900



00B2EF

# Complementary

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



F94EC6



4EF981

# 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.



00B3AB



F94EC6



4BA809

# Square

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



F94EC6



D87F00



00B061



00A9FF

# Rectangle

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



F94EC6



FF5051



00B061



00B3DA



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



F94EC6



FFC9EF



7E4EF9



806076



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



F94EC6



FF2EC1



F94E73



7D7079



BD0084



3D002B



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F94EC6



FF2EC1



4EF9D4



7D7079



BD0084



3D002B



# Previews

## White Background



This preview shows how the Hex color F94EC6 looks on a white background.

## Color Contrast Check

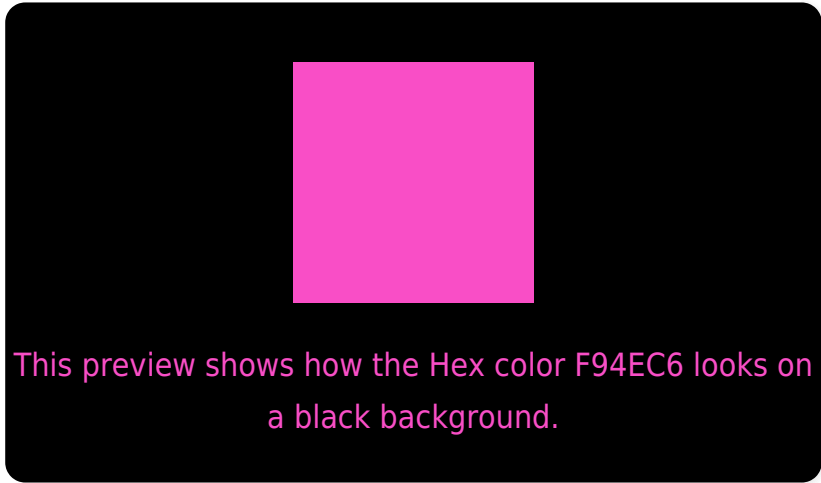
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F94EC6 Background



This preview shows how black text looks on a background with the Hex color F94EC6.



This preview shows how white text looks on a background with the Hex color F94EC6.

# 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





**Tritanopia**  
F1676E

# Trichromacy



**Original Color**  
F94EC6



**Protanomaly**  
9D79E8



**Deuteranomaly**  
B579C0



**Tritanomaly**  
F45E8E

# Monochromacy



**Original Color**  
F94EC6



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
B677A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F94EC6 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 #F94EC6 looks like.

```
.text, #text, p{  
    color:#F94EC6  
}
```

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 #F94EC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F94EC6
}
```

## Border

The CSS property to change the border of an element to Hex F94EC6 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
#F94EC6 }
```

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

```
.border{ border-color:#F94EC6 }
```

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

Here you see how a box with a 4 pixel #F94EC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F94EC6; -webkit-box-shadow:4px 4px  
4px 4px #F94EC6; box-shadow:4px 4px 4px  
4px #F94EC6 }
```

# Background

The CSS property to change the background color of an element to Hex F94EC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F94EC6 }
```

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

```
.background{ background-color:#F94EC6 }
```

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](#).



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