

Converting Colors

Hex(F0508E)

Have a look what the booklet for
Hex(F0508E) contains.

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Color

Hex(F0508E)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F0508E |
| RGB | 240, 80, 142 |
| RGB Percent | 94%, 31%, 56% |
| CMY | 0.0588, 0.6863, 0.4431 |
| CMYK | 0.00, 0.67, 0.41, 0.06 |
| HSL | 337°, 84%, 63% |
| HSV | 337°, 67%, 94% |
| XYZ | 43.6863, 26.2156, 28.3488 |
| YIQ | 134.9080, 75.4580, 53.2020 |

Conversions

Conversions Part 2

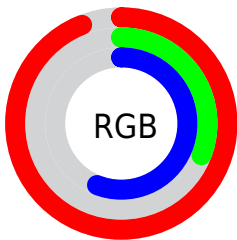
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 240, 80, 142 |
| Decimal | 15749262 |
| CIE Lab | 58.24, 65.86, 0.29 |
| CIE LCh | 58, 65.864, 0.255 |
| Yxy | 26.2156, 0.4446, 0.2668 |
| Android (android.graphics.Color) | 4293939342 (0xFFFF0508E) |
| YUV | 134.9080, 3.4964, 92.1657 |
| Hunter-Lab | 51.2012, 62.6994, 3.0134 |

Details

The Hex color **F0508E** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **50F0B2**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF8AC4**, and **B3005C** is the 20% darker color. If you saturate the color by 10%, you get **F0387F**, and if you desaturate by 10%, it is **F0689D**.

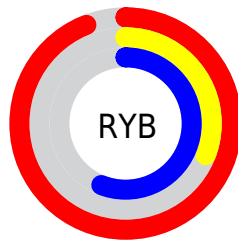
Distribution



Red (94%)

Green (31%)

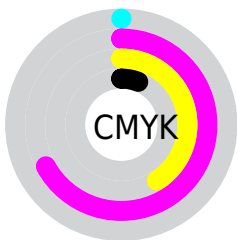
Blue (56%)



Red (94%)

Yellow (31%)

Blue (56%)

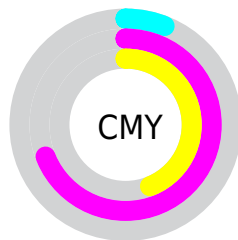


Cyan (0%)

Magenta (67%)

Yellow (41%)

Black (6%)



Cyan (6%)

Magenta (69%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0508E 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 F0508E by changing the saturation by 10% instead.

 F0508E

 F0508E

FFFFFF

 D13075

 FF8AC4

 B3005C

 FFA7DF

 950045

 FFC4FC

 78002F

 FFE2FF

 5A001A

 400003

 1D0001

 000000

 F0508E

 F0508E

 F0387F

 F0689D

 F02071

 F080AB

 F00862

 F098BA

 F0005D

 F0B0C9

 F0C8D7

 F0E0E6

 F0F8F5

 F0FFFF

Harmonies

Analogous

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



D161C6



F0508E



EE5A55

Triad

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



F0508E



6D9916



00A0F0

Complementary

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



F0508E



50F0B2

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.



00A6C5



F0508E



00A24F

Square

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



F0508E



A78A00



00A68B



0093FF

Rectangle

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



F0508E



DF6A33



00A68B



00A3E4

Sweetspot

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



F0508E



FFCCE0



B050F0



80616D



000000



808080

Same Dimension

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



F0508E



FF3382



F06050



786C71



B80047



380016

Inverse Universe

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



F0508E



FF3382



50E0F0



786C71



B80047



380016

Previews

White Background



This preview shows how the Hex color F0508E looks on a white background.

Color Contrast Check

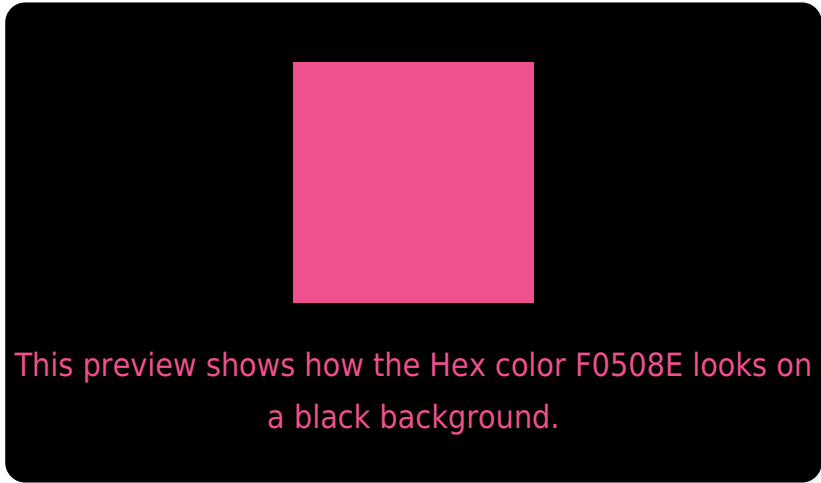
Large Text (above 18pt) WCAG AA ✓ Pass

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 F0508E Background



This preview shows how black text looks on a background with the Hex color F0508E.



This preview shows how white text looks on a background with the Hex color F0508E.

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



Trichromacy



Original Color
F0508E



Protanomaly
AB76A5



Deuteranomaly
BB7489

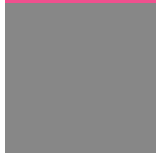


Tritanomaly
EE5671

Monochromacy



Original Color
F0508E



Achromatopsia
878787



Achromatomaly
AD738A

CSS Examples

Text

The CSS property to change the color of the text to Hex F0508E 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 #F0508E looks like.

```
.text, #text, p{  
    color:#F0508E  
}
```

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 #F0508E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0508E
}
```

Border

The CSS property to change the border of an element to Hex F0508E 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
#F0508E }
```

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

```
.border{ border-color:#F0508E }
```

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

Here you see how a box with a 4 pixel #F0508E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0508E; -webkit-box-shadow:4px 4px  
4px 4px #F0508E; box-shadow:4px 4px 4px  
4px #F0508E }
```

Background

The CSS property to change the background color of an element to Hex F0508E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0508E }
```

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

```
.background{ background-color:#F0508E }
```

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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