

Converting Colors

Hex(F45C8A)

Have a look what the booklet for
Hex(F45C8A) contains.

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Color

Hex(F45C8A)

Conversions

Conversions Part 1

Format	Color
Hex	F45C8A
RGB	244, 92, 138
RGB Percent	96%, 36%, 54%
CMY	0.0431, 0.6392, 0.4588
CMYK	0.00, 0.62, 0.43, 0.04
HSL	342°, 87%, 66%
HSV	342°, 62%, 96%
XYZ	45.7228, 28.7224, 27.1789
YIQ	142.6920, 75.8260, 46.5300

Conversions

Conversions Part 2

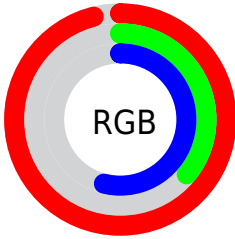
Format	Color
R _Y B	244, 92, 138
Decimal	16014474
CIE Lab	60.54, 61.88, 6.03
CIE LCh	61, 62.171, 5.567
Yxy	28.7224, 0.4499, 0.2826
Android (android.graphics.Color)	4294204554 (0xFF45C8A)
YUV	142.6920, -2.3132, 88.8471
Hunter-Lab	53.5933, 58.4982, 7.4474

Details

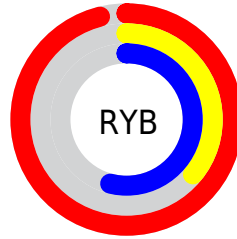
The Hex color **F45C8A** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **5CF4C6**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FF95BF**, and **B71C58** is the 20% darker color. If you saturate the color by 10%, you get **F44479**, and if you desaturate by 10%, it is **F4749B**.

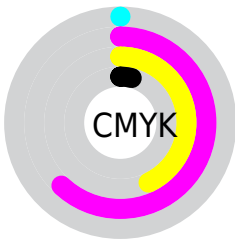
Distribution



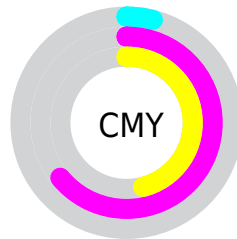
- Red (96%)
- Green (36%)
- Blue (54%)



- Red (96%)
- Yellow (36%)
- Blue (54%)



- Cyan (0%)
- Magenta (62%)
- Yellow (43%)
- Black (4%)



- Cyan (4%)
- Magenta (64%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color F45C8A 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 F45C8A by changing the saturation by 10% instead.

 F45C8A

 F45C8A

FFFFFF

 D53F71

 FF95BF

 B71C58

 FFB1DB

 990041

 FFCFF7

 7B002C

 FFECFF

 5E0017

 440003

 230001

 000000

 F45C8A

 F45C8A

 F44479

 F4749B

 F42B68

 F48DAC

 F41357

 F4A5BD

 F4004A

 F4BECE

 F4D6DF

 F4EEF0

 F4FFFF

Harmonies

Analogous

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



DC67C0



F45C8A



EE6855

Triad

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



F45C8A



6BA130



00A4F6

Complementary

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



F45C8A



5CF4C6

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.



00ABD1



F45C8A



00A962

Square

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



F45C8A



A49310



00AC9B



0095FF

Rectangle

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



F45C8A



DD7737



00AC9B



00A7EC

Sweetspot

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



F45C8A



FFCFDD



C45CF4



80626B



000000



808080

Same Dimension

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



F45C8A



FF407A



F4785C



7A6E72



BA0038



3B0012

Inverse Universe

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



F45C8A



FF407A



5CD8F4



7A6E72



BA0038



3B0012

Previews

White Background



This preview shows how the Hex color F45C8A looks on a white background.

Color Contrast Check

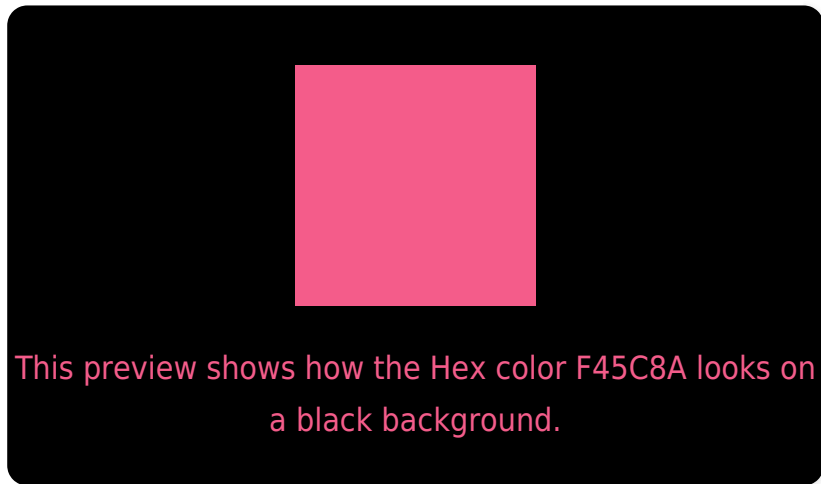
Large Text (above 18pt) WCAG AA ✓ Pass

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 F45C8A Background



This preview shows how black text looks on a background with the Hex color F45C8A.




This preview shows how white text looks on a background with the Hex color F45C8A.

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
F26369

Trichromacy



Original Color
F45C8A



Protanomaly
B37E9E



Deuteranomaly
C27B86

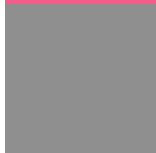


Tritanomaly
F36075

Monochromacy



Original Color
F45C8A



Achromatopsia
8F8F8F



Achromatomaly
B47C8D

CSS Examples

Text

The CSS property to change the color of the text to Hex F45C8A 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 #F45C8A looks like.

```
.text, #text, p{  
    color:#F45C8A  
}
```

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 #F45C8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F45C8A
}
```

Border

The CSS property to change the border of an element to Hex F45C8A 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
#F45C8A }
```

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

```
.border{ border-color:#F45C8A }
```

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

Here you see how a box with a 4 pixel #F45C8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F45C8A; -webkit-box-shadow:4px 4px  
4px 4px #F45C8A; box-shadow:4px 4px 4px  
4px #F45C8A }
```

Background

The CSS property to change the background color of an element to Hex F45C8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F45C8A }
```

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

```
.background{ background-color:#F45C8A }
```

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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