

Converting Colors

Hex(F5008A)

Have a look what the booklet for
Hex(F5008A) contains.

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Color

Hex(F5008A)

Conversions

Conversions Part 1

Format	Color
Hex	F5008A
RGB	245, 0, 138
RGB Percent	96%, 0%, 54%
CMY	0.0392, 1.0000, 0.4588
CMYK	0.00, 1.00, 0.44, 0.04
HSL	326°, 100%, 48%
HSV	326°, 100%, 96%
XYZ	42.2436, 21.2475, 25.9194
YIQ	88.9870, 101.7220, 94.8580

Conversions

Conversions Part 2

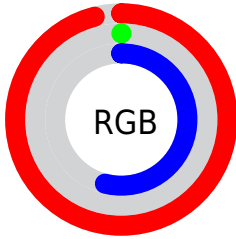
Format	Color
R_{YB}	245, 0, 138
Decimal	16056458
CIE _{Lab}	53.22, 83.21, -4.61
CIE _{LCh}	53, 83.342, 356.831
Yxy	21.2475, 0.4725, 0.2376
Android (android.graphics.Color)	4294246538 (0xFFFF5008A)
YUV	88.9870, 24.1634, 136.8234
Hunter-Lab	46.0950, 82.9198, -1.0726

Details

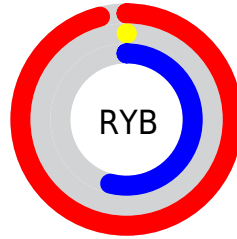
The Hex color **F5008A** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **00F56B**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF62BF**, and **B60058** is the 20% darker color. If you saturate the color by 10%, you get **F5008A**, and if you desaturate by 10%, it is **F51895**.

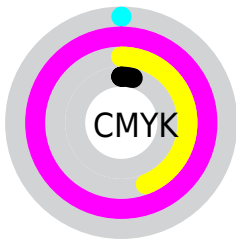
Distribution



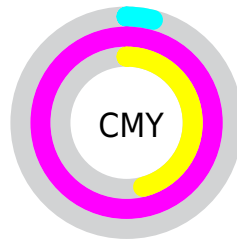
- Red (96%)
- Green (0%)
- Blue (54%)



- Red (96%)
- Yellow (0%)
- Blue (54%)



- Cyan (0%)
- Magenta (100%)
- Yellow (44%)
- Black (4%)



- Cyan (4%)
- Magenta (100%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color F5008A 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 F5008A by changing the saturation by 10% instead.

 F5008A

 F5008A

FFFFFF

 D50071

 FF62BF

 B60058

 FF82DB

 970041

 FFA0F8

 79002B

 FFBFFF

 5B0017

 FFDDFF

 3C0003

 FFFCFF

 170000

 000000

 F5008A

 F51895

 F5319F

 F54AAA

 F562B5

 F57BC0

 F593CA

 F5ABD5

 F5C4E0

 F5DDEA

Harmonies

Analogous

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



CB43CF



F5008A



F52744

Triad

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



F5008A



5B8E00



0099F8

Complementary

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



F5008A



00F56B

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.



009DBE



F5008A



009826

Square

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



F5008A



A17A00



009C75



008BFF

Rectangle

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



F5008A



E34A0E



009C75



009BE8

Sweetspot

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



F5008A



FFB3DE



6A00F5



80526B



000000



808080

Same Dimension

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



F5008A



FF0090



F50010



7A6E75



BA0069



3B0021

Inverse Universe

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



F5008A



FF0090



00F5E5



7A6E75



BA0069



3B0021

Previews

White Background



This preview shows how the Hex color F5008A looks on a white background.

Color Contrast Check

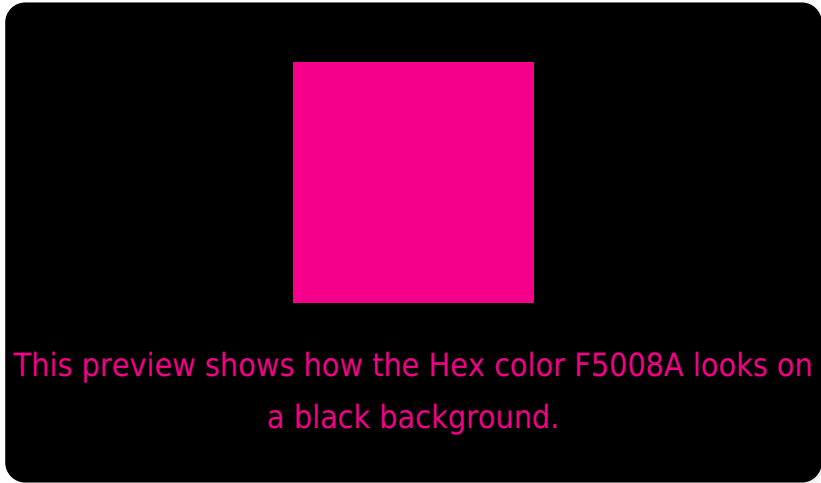
Large Text (above 18pt) WCAG AA ✓ Pass

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 F5008A Background



This preview shows how black text looks on a background with the Hex color F5008A.



This preview shows how white text looks on a background with the Hex color F5008A.

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
F13738

Trichromacy



Original Color
F5008A



Protanomaly
9B50B0



Deuteranomaly
B34F84



Tritanomaly
F22356

Monochromacy



Original Color
F5008A



Achromatopsia
595959



Achromatomaly
92396B

CSS Examples

Text

The CSS property to change the color of the text to Hex F5008A 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 #F5008A looks like.

```
.text, #text, p{  
    color:#F5008A  
}
```

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 #F5008A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5008A
}
```

Border

The CSS property to change the border of an element to Hex F5008A 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
#F5008A }
```

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

```
.border{ border-color:#F5008A }
```

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

Here you see how a box with a 4 pixel #F5008A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5008A; -webkit-box-shadow:4px 4px  
4px 4px #F5008A; box-shadow:4px 4px 4px  
4px #F5008A }
```

Background

The CSS property to change the background color of an element to Hex F5008A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5008A }
```

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

```
.background{ background-color:#F5008A }
```

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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