

Converting Colors

Hex(F55AF5)

Have a look what the booklet for
Hex(F55AF5) contains.

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Color

Hex(F55AF5)

Conversions

Conversions Part 1

Format	Color
Hex	F55AF5
RGB	245, 90, 245
RGB Percent	96%, 35%, 96%
CMY	0.0392, 0.6471, 0.0392
CMYK	0.00, 0.63, 0.00, 0.04
HSL	300°, 89%, 66%
HSV	300°, 63%, 96%
XYZ	57.7938, 33.3174, 89.7710
YIQ	154.0150, 42.6250, 81.0650

Conversions

Conversions Part 2

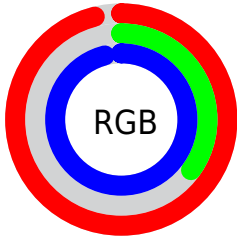
Format	Color
R _{YB}	245, 90, 245
Decimal	16079605
CIE _{Lab}	64.42, 76.97, -48.89
CIE _{LCh}	64, 91.183, 327.578
Y _{xy}	33.3174, 0.3195, 0.1842
Android (android.graphics.Color)	4294269685 (0xFFFF55AF5)
YUV	154.0150, 44.8556, 79.7938
Hunter-Lab	57.7212, 77.7123, -51.8061

Details

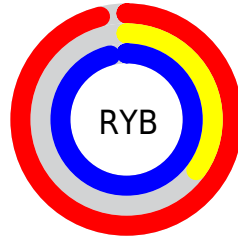
The Hex color **F55AF5** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **5AF55A**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FF95FF**, and **B908BC** is the 20% darker color. If you saturate the color by 10%, you get **F542F5**, and if you desaturate by 10%, it is **F572F5**.

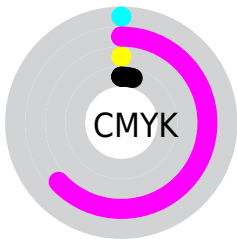
Distribution



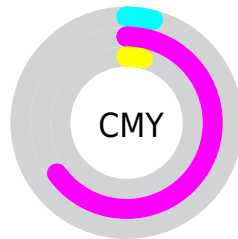
- Red (96%)
- Green (35%)
- Blue (96%)



- Red (96%)
- Yellow (35%)
- Blue (96%)



- Cyan (0%)
- Magenta (63%)
- Yellow (0%)
- Black (4%)



- Cyan (4%)
- Magenta (65%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color F55AF5 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 F55AF5 by changing the saturation by 10% instead.

 F55AF5

 F55AF5

FFFFFF

 D73AD8

 FF95FF

 B908BC

 FFB3FF

 9C00A1

 FFD0FF

 7F0086

 FFE0FF

 63006C

 470053

 2B003B

 000024

 00000C

 F55AF5

 F55AF5

 F542F5

 F572F5

 F529F5

 F58BF5

 F511F5

 F5A4F5

 F500F5

 F5BCF5

 F5D5F5

 F5EDF5

 F5FFF5

Harmonies

Analogous

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



8189FF



F55AF5



FF2AA6

Triad

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



F55AF5



C29700



00BFE6

Complementary

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



F55AF5



5AF55A

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.



00BE93



F55AF5



72AD00

Square

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



F55AF5



FF7300



00B93B



00B9FF

Rectangle

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



F55AF5



FF3271



00B93B



00BFCB

Sweetspot

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



F55AF5



FFCFFF



5A5AF5



806280



000000



808080

Same Dimension

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



F55AF5



FF3DFF



F55AA8



7A6E7A



BA00BA



3B003B

Inverse Universe

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



F55AF5



FF3DFF



5AF5A8



7A6E7A



BA00BA



3B003B

Previews

White Background



This preview shows how the Hex color F55AF5 looks on a white background.

Color Contrast Check

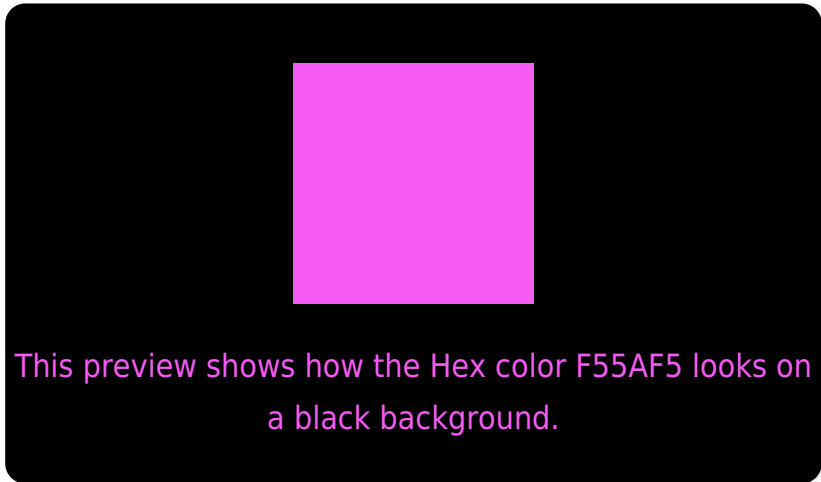
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex F55AF5 Background



This preview shows how black text looks on a background with the Hex color F55AF5.

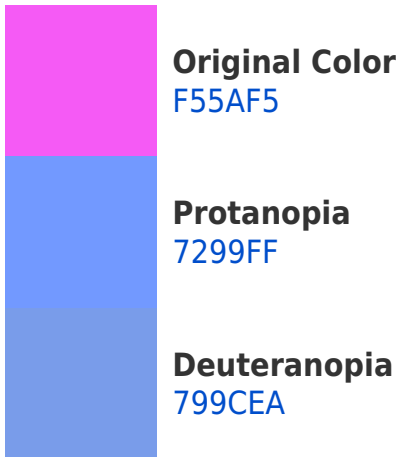


This preview shows how white text looks on a background with the Hex color F55AF5.

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
E87B84

Trichromacy



Original Color
F55AF5



Protanomaly
A282FB



Deuteranomaly
A684EE



Tritanomaly
ED6FAD

Monochromacy



Original Color
F55AF5



Achromatopsia
9A9A9A



Achromatomaly
BB83BB

CSS Examples

Text

The CSS property to change the color of the text to Hex F55AF5 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 #F55AF5 looks like.

```
.text, #text, p{  
    color:#F55AF5  
}
```

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 #F55AF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F55AF5  
}
```

Border

The CSS property to change the border of an element to Hex F55AF5 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  
#F55AF5 }
```

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

```
.border{ border-color:#F55AF5 }
```

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

Here you see how a box with a 4 pixel #F55AF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F55AF5; -webkit-box-shadow:4px 4px  
4px 4px #F55AF5; box-shadow:4px 4px 4px  
4px #F55AF5 }
```

Background

The CSS property to change the background color of an element to Hex F55AF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F55AF5 }
```

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

```
.background{ background-color:#F55AF5 }
```

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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