

Converting Colors

Hex(FF58F4)

Have a look what the booklet for
Hex(FF58F4) contains.

Hex(FF58F4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F558F4)

Conversions

Conversions Part 1

Format	Color
Hex	FF58F4
RGB	255, 88, 244
RGB Percent	100%, 35%, 96%
CMY	0.0000, 0.6549, 0.0431
CMYK	0.00, 0.65, 0.04, 0.00
HSL	304°, 100%, 67%
HSV	304°, 65%, 100%
XYZ	61.0589, 34.7711, 89.0813
YIQ	155.7170, 49.4560, 83.9200

Conversions

Conversions Part 2

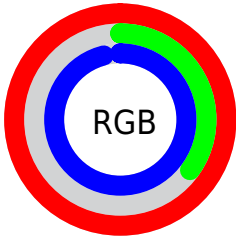
Format	Color
R _Y B	255, 88, 244
Decimal	16734452
CIE Lab	65.57, 79.83, -46.42
CIE LCh	66, 92.345, 329.824
Yxy	34.7711, 0.3302, 0.1880
Android (android.graphics.Color)	4294924532 (0xFFFF58F4)
YUV	155.7170, 43.5235, 87.0712
Hunter-Lab	58.9670, 81.6399, -48.2923

Details

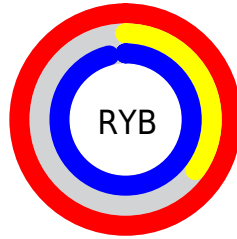
The Hex color **FF58F4** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **58FF63**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FF95FF**, and **C300BB** is the 20% darker color. If you saturate the color by 10%, you get **FF3FF2**, and if you desaturate by 10%, it is **FF72F6**.

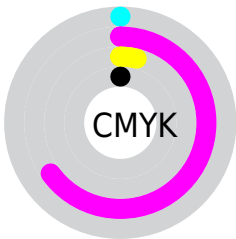
Distribution



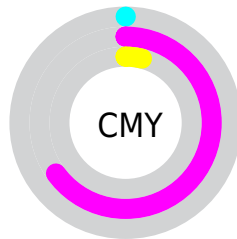
- Red (100%)
- Green (35%)
- Blue (96%)



- Red (100%)
- Yellow (35%)
- Blue (96%)



- Cyan (0%)
- Magenta (65%)
- Yellow (4%)
- Black (0%)



- Cyan (0%)
- Magenta (65%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Hex color FF58F4 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 FF58F4 by changing the saturation by 10% instead.

 FF58F4

 FF58F4

FFFFFF

 E136D7

 FF95FF

 C300BB

 FFB2FF

 A500A0

 FFD0FF

 880085

 FFE0FF

 6B006B

 4F0052

 34003A

 120024

 00000A

 FF58F4

 FF58F4

 FF3FF2

 FF72F6

 FF25F1

 FF8BF7

 FF0CEF

 FFA5F9

 FF00EE

 FFBEBF

 FFD8FC

 FFF1FE

FFFFFF

Harmonies

Analogous

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



9189FF



FF58F4



FF2AA3

Triad

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



FF58F4



C19C00



00C2F0

Complementary

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



FF58F4



58FF63

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.



00C29C



FF58F4



6DB200

Square

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



FF58F4



FF7800



00BD44



00BCFF

Rectangle

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



FF58F4



FF376D



00BD44



00C3D5

Sweetspot

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



FF58F4



FFCCFC



6058FF



80617D



000000



808080

Same Dimension

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



FF58F4



FF36F2



FF58A3



80737F



BF00B3



40003C

Inverse Universe

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



FF58F4



FF36F2



58FFB4



80737F



BF00B3



40003C

Previews

White Background



This preview shows how the Hex color FF58F4 looks on a white background.

Color Contrast Check

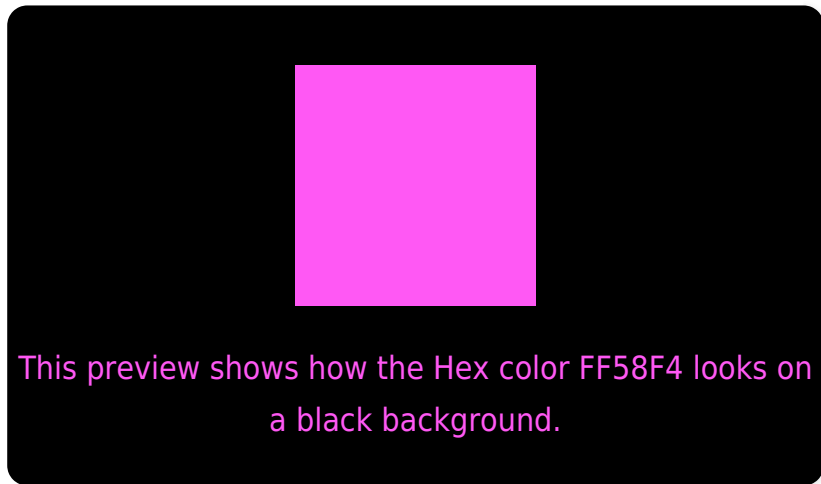
Large Text (above 18pt) WCAG AA × Fail

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

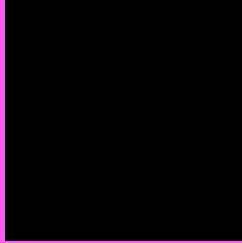
Any Text WCAG AA ✓ Pass

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 FF58F4 Background



This preview shows how black text looks on a background with the Hex color FF58F4.




This preview shows how white text looks on a background with the Hex color FF58F4.

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
F27A83

Trichromacy



Original Color
FF58F4



Protanomaly
A983FB



Deuteranomaly
AF85ED



Tritanomaly
F76EAC

Monochromacy



Original Color
FF58F4



Achromatopsia
9C9C9C



Achromatomaly
C083BC

CSS Examples

Text

The CSS property to change the color of the text to Hex FF58F4 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 #FF58F4 looks like.

```
.text, #text, p{  
    color:#FF58F4  
}
```

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 #FF58F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF58F4
}
```

Border

The CSS property to change the border of an element to Hex FF58F4 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
#FF58F4 }
```

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

```
.border{ border-color:#FF58F4 }
```

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

Here you see how a box with a 4 pixel #FF58F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF58F4; -webkit-box-shadow:4px 4px  
4px 4px #FF58F4; box-shadow:4px 4px 4px  
4px #FF58F4 }
```

Background

The CSS property to change the background color of an element to Hex FF58F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF58F4 }
```

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

```
.background{ background-color:#FF58F4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor