

Converting Colors

Hex(FF58E7)

Have a look what the booklet for
Hex(FF58E7) contains.

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Color

Hex(F58E7)

Conversions

Conversions Part 1

Format	Color
Hex	FF58E7
RGB	255, 88, 231
RGB Percent	100%, 35%, 91%
CMY	0.0000, 0.6549, 0.0941
CMYK	0.00, 0.65, 0.09, 0.00
HSL	309°, 100%, 67%
HSV	309°, 65%, 100%
XYZ	59.1535, 34.0090, 79.0480
YIQ	154.2350, 53.6290, 79.8770

Conversions

Conversions Part 2

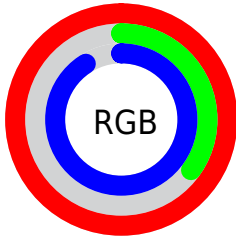
Format	Color
R _Y B	255, 88, 231
Decimal	16734439
CIE Lab	64.97, 77.88, -40.15
CIE LCh	65, 87.624, 332.729
Yxy	34.0090, 0.3435, 0.1975
Android (android.graphics.Color)	4294924519 (0xFFFF58E7)
YUV	154.2350, 37.8451, 88.3709
Hunter-Lab	58.3172, 79.0047, -39.5445

Details

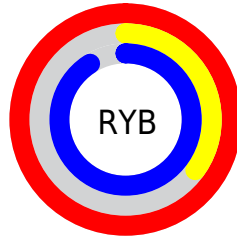
The Hex color **FF58E7** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **58FF70**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FF94FF**, and **C300AF** is the 20% darker color. If you saturate the color by 10%, you get **FF3FE3**, and if you desaturate by 10%, it is **FF72EB**.

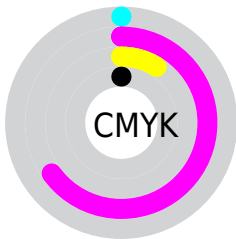
Distribution



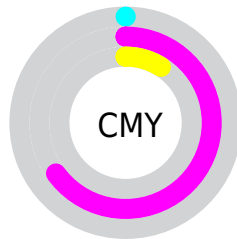
- Red (100%)
- Green (35%)
- Blue (91%)



- Red (100%)
- Yellow (35%)
- Blue (91%)



- Cyan (0%)
- Magenta (65%)
- Yellow (9%)
- Black (0%)



- Cyan (0%)
- Magenta (65%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF58E7 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 FF58E7 by changing the saturation by 10% instead.

 FF58E7

 FF58E7

FFFFFF

 E136CB

 FF94FF

 C300AF

 FFB2FF

 A50094

 FFD0FF

 88007A

 FFE0FF

 6B0060

 4F0048

 340031

 11001B

 000000

■ FF58E7

■ FF58E7

■ FF3FE3

■ FF72EB

■ FF25E0

■ FF8BEE

■ FF0CDC

■ FFA5F2

■ FF00DA

■ FFBEE6

■ FFD8F9

■ FFF1FD

FFFFFF

Harmonies

Analogous

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



A085FF



FF58E7



FF389A

Triad

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



FF58E7



B89D00



00BFF1

Complementary

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



FF58E7



58FF70

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.



00BFA3



FF58E7



66B100

Square

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



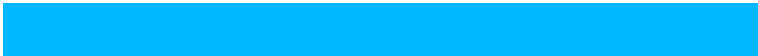
FF58E7



F57D00



00BB50



00B8FF

Rectangle

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



FF58E7



FF4567



00BB50



00C0D8

Sweetspot

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



FF58E7



FFCCF8



6E58FF



80617B



000000



808080

Same Dimension

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



FF58E7



FF36E2



FF5895



80737E



BF00A4



400037

Inverse Universe

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



FF58E7



FF36E2



58FFC2



80737E



BF00A4



400037

Previews

White Background



This preview shows how the Hex color FF58E7 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 FF58E7 Background



This preview shows how black text looks on a background with the Hex color FF58E7.

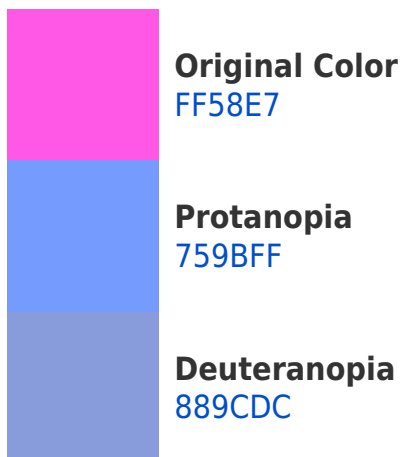



This preview shows how white text looks on a background with the Hex color FF58E7.

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
F4767F

Trichromacy



Original Color
FF58E7



Protanomaly
A783F6



Deuteranomaly
B383E0



Tritanomaly
F86BA5

Monochromacy



Original Color
FF58E7



Achromatopsia
9A9A9A



Achromatomaly
BF82B6

CSS Examples

Text

The CSS property to change the color of the text to Hex FF58E7 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 #FF58E7 looks like.

```
.text, #text, p{  
    color:#FF58E7  
}
```

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 #FF58E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF58E7
}
```

Border

The CSS property to change the border of an element to Hex FF58E7 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
#FF58E7 }
```

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

```
.border{ border-color:#FF58E7 }
```

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

Here you see how a box with a 4 pixel #FF58E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF58E7; -webkit-box-shadow:4px 4px  
4px 4px #FF58E7; box-shadow:4px 4px 4px  
4px #FF58E7 }
```

Background

The CSS property to change the background color of an element to Hex FF58E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF58E7 }
```

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

```
.background{ background-color:#FF58E7 }
```

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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