

Converting Colors

Hex(F455C8)

Have a look what the booklet for
Hex(F455C8) contains.

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Color

Hex(F455C8)

Conversions

Conversions Part 1

Format	Color
Hex	F455C8
RGB	244, 85, 200
RGB Percent	96%, 33%, 78%
CMY	0.0431, 0.6667, 0.2157
CMYK	0.00, 0.65, 0.18, 0.04
HSL	317°, 88%, 65%
HSV	317°, 65%, 96%
XYZ	50.9821, 29.9002, 57.7279
YIQ	145.6510, 57.8490, 69.4730

Conversions

Conversions Part 2

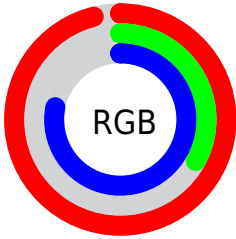
Format	Color
R_{YB}	244, 85, 200
Decimal	16012744
CIE _{Lab}	61.57, 71.91, -28.13
CIE _{LCh}	62, 77.216, 338.632
Yxy	29.9002, 0.3678, 0.2157
Android (android.graphics.Color)	4294202824 (0xFFFF455C8)
YUV	145.6510, 26.7941, 86.2521
Hunter-Lab	54.6811, 70.7330, -24.3168

Details

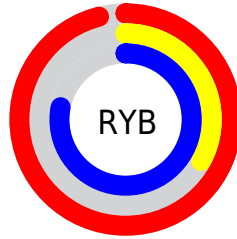
The Hex color **F455C8** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **55F481**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF90FF**, and **B80092** is the 20% darker color. If you saturate the color by 10%, you get **F43DC1**, and if you desaturate by 10%, it is **F46DCF**.

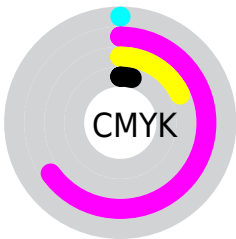
Distribution



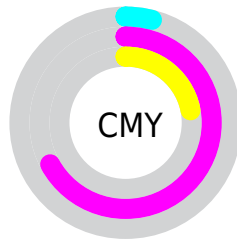
- Red (96%)
- Green (33%)
- Blue (78%)



- Red (96%)
- Yellow (33%)
- Blue (78%)



- Cyan (0%)
- Magenta (65%)
- Yellow (18%)
- Black (4%)



- Cyan (4%)
- Magenta (67%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color F455C8 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 F455C8 by changing the saturation by 10% instead.

 F455C8

 F455C8

FFFFFF

 D635AC

 FF90FF

 B80092

 FFADFF

 9B0078

 FFCBFF

 7E005F

 FFE8FF

 620047

 470030

 2A001A

 000000

 F455C8

 F455C8

 F43DC1

 F46DCF

 F424BA

 F486D6

 F40CB4

 F49EDC

 F400B0

 F4B7E3

 F4CFEA

 F4E7F1

 F4FFF7

 F4FFFE

 F4FFFF

Harmonies

Analogous

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



AE79FF



F455C8



FF4684

Triad

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



F455C8



A19800



00B2E9

Complementary

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



F455C8



55F481

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.



00B3A7



F455C8



55A812

Square

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



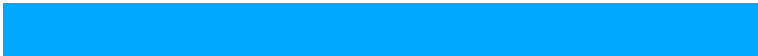
F455C8



DA7F00



00B060



00A9FF

Rectangle

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



F455C8



FF5358



00B060



00B3D5

Sweetspot

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



F455C8



FFCCF1



7F55F4



806177



000000



808080

Same Dimension

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



F455C8



FF38C8



F4557A



7A6E77



BA0087



3B002A

Inverse Universe

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



F455C8



FF38C8



55F4CF



7A6E77



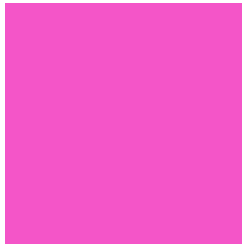
BA0087



3B002A

Previews

White Background



This preview shows how the Hex color F455C8 looks on a white background.

Color Contrast Check

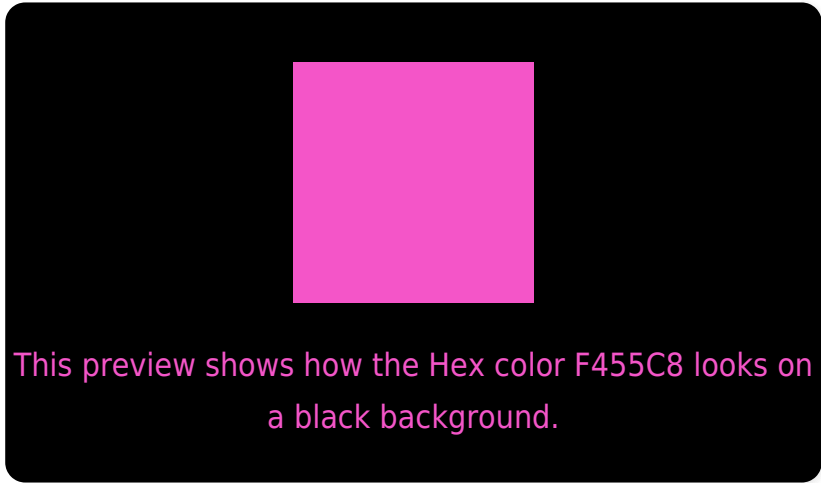
Large Text (above 18pt) WCAG AA ✓ Pass

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 F455C8 Background



This preview shows how black text looks on a background with the Hex color F455C8.



This preview shows how white text looks on a background with the Hex color F455C8.

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



Trichromacy



Original Color
F455C8



Protanomaly
9D7CE7



Deuteranomaly
B27CC2



Tritanomaly
EF6492

Monochromacy



Original Color
F455C8



Achromatopsia
929292



Achromatomaly
B67CA6

CSS Examples

Text

The CSS property to change the color of the text to Hex F455C8 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 #F455C8 looks like.

```
.text, #text, p{  
    color:#F455C8  
}
```

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 #F455C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F455C8
}
```

Border

The CSS property to change the border of an element to Hex F455C8 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
#F455C8 }
```

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

```
.border{ border-color:#F455C8 }
```

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

Here you see how a box with a 4 pixel #F455C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F455C8; -webkit-box-shadow:4px 4px  
4px 4px #F455C8; box-shadow:4px 4px 4px  
4px #F455C8 }
```

Background

The CSS property to change the background color of an element to Hex F455C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F455C8 }
```

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

```
.background{ background-color:#F455C8 }
```

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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