

Converting Colors

Hex(45F5F8)

Have a look what the booklet for
Hex(45F5F8) contains.

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Color

Hex(45F5F8)

Conversions

Conversions Part 1

Format	Color
Hex	45F5F8
RGB	69, 245, 248
RGB Percent	27%, 96%, 97%
CMY	0.7294, 0.0392, 0.0275
CMYK	0.72, 0.01, 0.00, 0.03
HSL	181°, 93%, 62%
HSV	181°, 72%, 97%
XYZ	52.0499, 73.3473, 100.2211
YIQ	192.7180, -105.8590, -36.3790

Conversions

Conversions Part 2

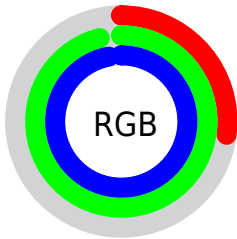
Format	Color
R _{YB}	69, 158, 248
Decimal	4584952
CIE _{Lab}	88.61, -41.85, -14.18
CIE _{LCh}	89, 44.187, 198.721
Yxy	73.3473, 0.2307, 0.3251
Android (android.graphics.Color)	4282775032 (0xFF45F5F8)
YUV	192.7180, 27.2540, -108.5007
Hunter-Lab	85.6431, -41.3912, -9.4321

Details

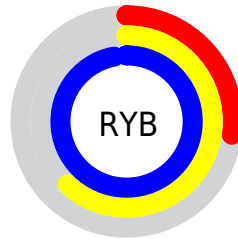
The Hex color **45F5F8** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **F84845**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **8FFFFFF**, and **00BCC0** is the 20% darker color. If you saturate the color by 10%, you get **2CF5F8**, and if you desaturate by 10%, it is **5EF5F8**.

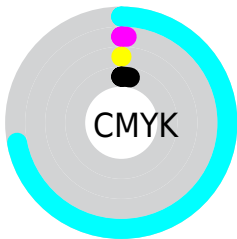
Distribution



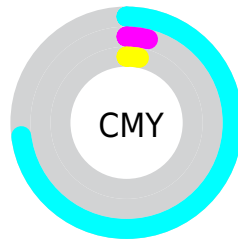
- Red (27%)
- Green (96%)
- Blue (97%)



- Red (27%)
- Yellow (62%)
- Blue (97%)



- Cyan (72%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (73%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45F5F8 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 45F5F8 by changing the saturation by 10% instead.

 45F5F8

 45F5F8

FFFFFF

 00D8DB

 8FFFFFFF

 00BCC0

 AFFFFFFF

 00A1A5

 CFFFFFFF

 00868A

 EFFFFFFF

 006C71

 005358

 003A41

 00262B

 000117

 45F5F8

 45F5F8

 2CF5F8

 5EF5F8

 13F4F8

 77F6F8

 00F4F8

 8FF6F8

 A8F7F8

 C1F7F8

 DAF7F8

 F3F8F8

 FFF8F8

 FFF9F8

Harmonies

Analogous

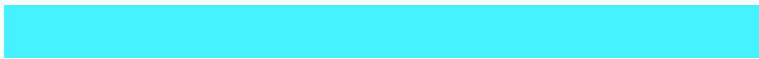
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7BF4CD



45F5F8



45F1FF

Triad

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



45F5F8



FFCAFF



FFD68C

Complementary

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



45F5F8



F84845

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.



FFC8A1



45F5F8



FFC0F0

Square

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



45F5F8



CCD9FF



FFBFC5



E0E48D

Rectangle

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



45F5F8



70EBFF



FFBFC5



FFD191

Sweetspot

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



45F5F8



C7FEFF



45F848



5E7F80



000000



808080

Same Dimension

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



45F5F8



21FBFF



459CF8



707D7D



00BABD



003C3D

Inverse Universe

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



F845F5



FF21FB



F8A145



7D707D



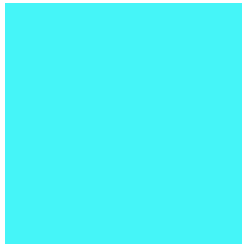
BD00BA



3D003C

Previews

White Background



This preview shows how the Hex color 45F5F8 looks on a white background.

Color Contrast Check

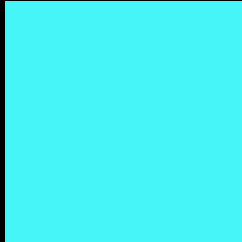
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 45F5F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

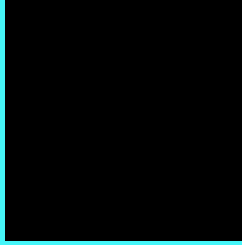
Any Text WCAG AA ✓ Pass

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 45F5F8 Background



This preview shows how black text looks on a background with the Hex color 45F5F8.

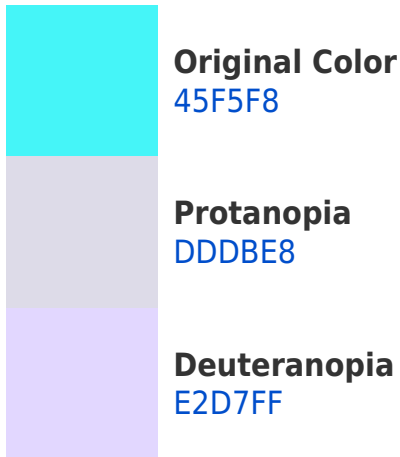


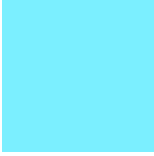
This preview shows how white text looks on a background with the Hex color 45F5F8.

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



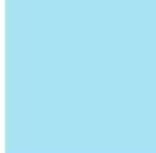


Tritanopia
7BEFFF

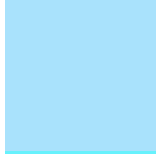
Trichromacy



Original Color
45F5F8



Protanomaly
A6E4EE

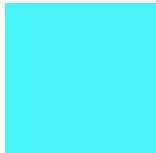


Deuteranomaly
A9E2FC

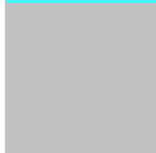


Tritanomaly
67F1FC

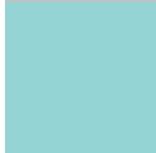
Monochromacy



Original Color
45F5F8



Achromatopsia
C1C1C1



Achromatomaly
94D4D5

CSS Examples

Text

The CSS property to change the color of the text to Hex 45F5F8 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 #45F5F8 looks like.

```
.text, #text, p{  
    color:#45F5F8  
}
```

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 #45F5F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45F5F8  
}
```

Border

The CSS property to change the border of an element to Hex 45F5F8 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  
#45F5F8 }
```

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

```
.border{ border-color:#45F5F8 }
```

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

Here you see how a box with a 4 pixel #45F5F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45F5F8; -webkit-box-shadow:4px 4px  
4px 4px #45F5F8; box-shadow:4px 4px 4px  
4px #45F5F8 }
```

Background

The CSS property to change the background color of an element to Hex 45F5F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45F5F8 }
```

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

```
.background{ background-color:#45F5F8 }
```

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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