

Converting Colors

Hex(50F085)

Have a look what the booklet for
Hex(50F085) contains.

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Color

Hex(50F085)

Conversions

Conversions Part 1

Format	Color
Hex	50F085
RGB	80, 240, 133
RGB Percent	31%, 94%, 52%
CMY	0.6863, 0.0588, 0.4784
CMYK	0.67, 0.00, 0.45, 0.06
HSL	140°, 84%, 63%
HSV	140°, 67%, 94%
XYZ	38.7020, 65.7191, 32.8356
YIQ	179.9620, -61.0130, -67.1970

Conversions

Conversions Part 2

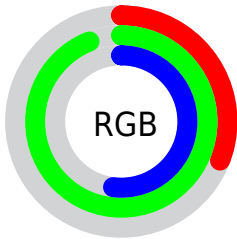
Format	Color
RYB	80, 200, 240
Decimal	5304453
CIELab	84.85, -64.11, 39.77
CIELCh	85, 75.445, 148.192
Yxy	65.7191, 0.2820, 0.4788
Android (android.graphics.Color)	4283494533 (0xFF50F085)
YUV	179.9620, -23.1523, -87.6667
Hunter-Lab	81.0673, -56.6509, 32.7323

Details

The Hex color **50F085** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **F050BB**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **91FFBB**, and **00B751** is the 20% darker color. If you saturate the color by 10%, you get **38F075**, and if you desaturate by 10%, it is **68F095**.

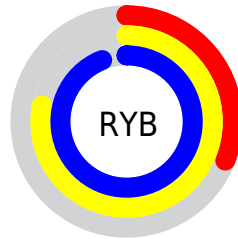
Distribution



Red (31%)

Green (94%)

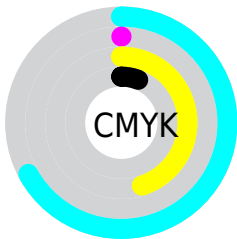
Blue (52%)



Red (31%)

Yellow (78%)

Blue (94%)

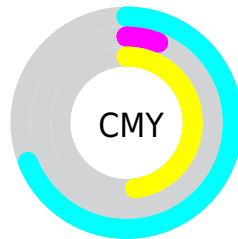


Cyan (67%)

Magenta (0%)

Yellow (45%)

Black (6%)



Cyan (69%)

Magenta (6%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50F085 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 50F085 by changing the saturation by 10% instead.

 50F085

 50F085

FFFFFF

 25D36B

 91FFBB

 00B751

 B0FFD8

 009B38

 CFFFF4

 00801F

 EEEFFF

 006501

 004C00

 003500

 001A00

 000000

 50F085


 50F085

 38F075

 68F095

 20F065

 80F0A5

 08F055

 98F0B5

 00F04F

 B0F0C5

 C8F0D5

 E0F0E5

 F8F0F5

 FFF0FF

Harmonies

Analogous

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



B7E34B



50F085



00F6CD

Triad

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



50F085



00DDFF



FF9995

Complementary

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



50F085



F050BB

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.



FF92DB



50F085



CDC3FF

Square

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



50F085



00EEFF



FFA4FF



FFB35A

Rectangle

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



50F085



00F6FE



FFA4FF



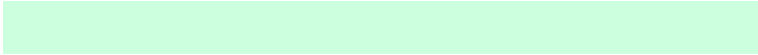
FF94AB

Sweetspot

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



50F085



CCFFDD



BDF050



61806B



000000



808080

Same Dimension

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



50F085



33FF77



50F0D3



6C7870



00B83D



003813

Inverse Universe

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



F050BB



FF33BB



F0506D



786C74



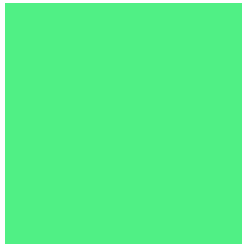
B8007B



380026

Previews

White Background



This preview shows how the Hex color 50F085 looks on a white background.

Color Contrast Check

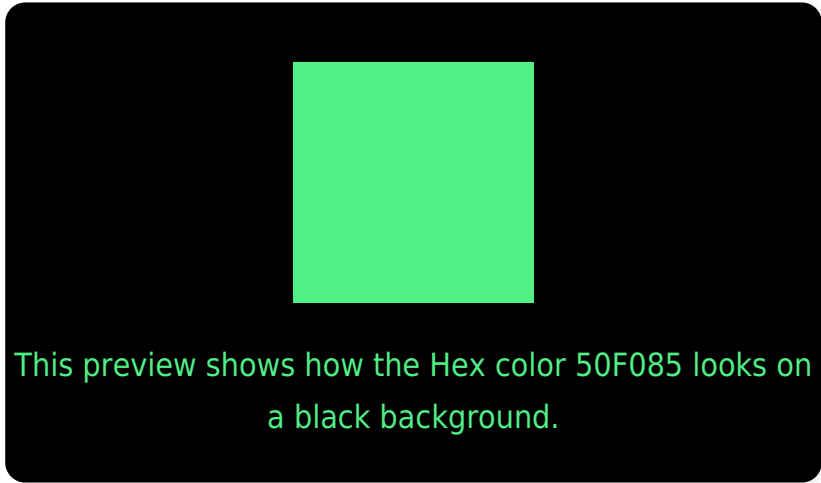
Large Text (above 18pt) WCAG AA × Fail

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 50F085 Background



This preview shows how black text looks on a background with the Hex color 50F085.

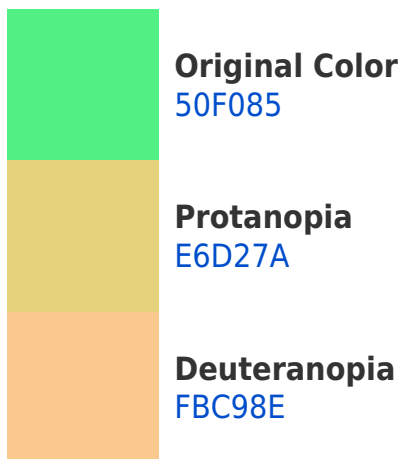


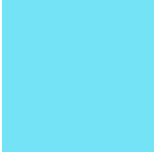
This preview shows how white text looks on a background with the Hex color 50F085.

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



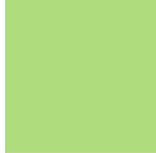


Tritanopia
74E3F5

Trichromacy



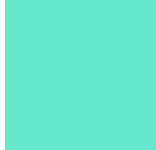
Original Color
50F085



Protanomaly
AFDD7E



Deuteranomaly
BDD78B



Tritanomaly
67E8CC

Monochromacy



Original Color
50F085



Achromatopsia
B4B4B4



Achromatomaly
90CAA3

CSS Examples

Text

The CSS property to change the color of the text to Hex 50F085 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 #50F085 looks like.

```
.text, #text, p{  
    color:#50F085  
}
```

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 #50F085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50F085
}
```

Border

The CSS property to change the border of an element to Hex 50F085 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
#50F085 }
```

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

```
.border{ border-color:#50F085 }
```

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

Here you see how a box with a 4 pixel #50F085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50F085; -webkit-box-shadow:4px 4px  
4px 4px #50F085; box-shadow:4px 4px 4px  
4px #50F085 }
```

Background

The CSS property to change the background color of an element to Hex 50F085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50F085 }
```

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

```
.background{ background-color:#50F085 }
```

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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