

Converting Colors

Hex(5FD4F5)

Have a look what the booklet for
Hex(5FD4F5) contains.

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Color

Hex(5FD4F5)

Conversions

Conversions Part 1

Format	Color
Hex	5FD4F5
RGB	95, 212, 245
RGB Percent	37%, 83%, 96%
CMY	0.6275, 0.1686, 0.0392
CMYK	0.61, 0.13, 0.00, 0.04
HSL	193°, 88%, 67%
HSV	193°, 61%, 96%
XYZ	44.7442, 56.1124, 94.8587
YIQ	180.7790, -80.3250, -14.5410

Conversions

Conversions Part 2

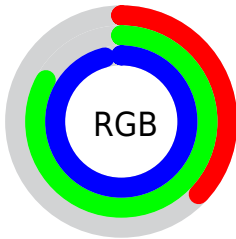
Format	Color
R _Y B	95, 161, 245
Decimal	6280437
CIE Lab	79.68, -23.45, -26.05
CIE LCh	80, 35.050, 228.016
Yxy	56.1124, 0.2286, 0.2867
Android (android.graphics.Color)	4284470517 (0xFF5FD4F5)
YUV	180.7790, 31.6610, -75.2282
Hunter-Lab	74.9082, -24.4677, -22.6451

Details

The Hex color **5FD4F5** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **F5805F**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **9EFFFF**, and **009DBD** is the 20% darker color. If you saturate the color by 10%, you get **46CFF5**, and if you desaturate by 10%, it is **78D9F5**.

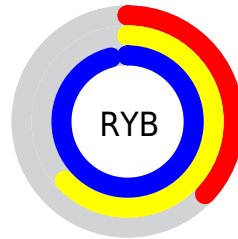
Distribution



Red (37%)

Green (83%)

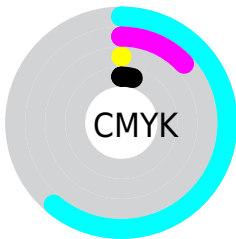
Blue (96%)



Red (37%)

Yellow (63%)

Blue (96%)

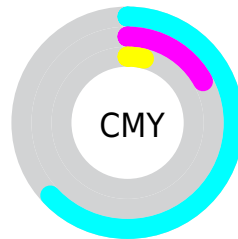


Cyan (61%)

Magenta (13%)

Yellow (0%)

Black (4%)



Cyan (63%)

Magenta (17%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FD4F5 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 5FD4F5 by changing the saturation by 10% instead.

 5FD4F5

 5FD4F5

FFFFFF

 3BB8D8

 9EFFFF

 009DBD

 BCFFFF

 0083A2

 DBFFFF

 006A87

 FAFFFF

 00516E

 003A55

 00243E

 000328

 000112

 5FD4F5

 5FD4F5

 46CFF5

 78D9F5

 2EC9F5

 90DFF5

 15C4F5

 A9E4F5

 00BFF5

 C1EAF5

 DAEFF5

 F2F4F5

 FFFAF5

 FFFFF5

Harmonies

Analogous

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



5ED7D8



5FD4F5



86CDFE

Triad

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



5FD4F5



FEAED4



C8CA87

Complementary

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



5FD4F5



F5805F

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.



E8BF86



5FD4F5



FFAEB3

Square

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



5FD4F5



E2B6F1



FFB496



A3D299

Rectangle

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



5FD4F5



A7C6FF



FFB496



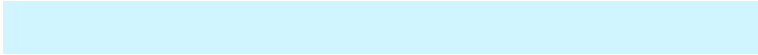
D4C684

Sweetspot

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



5FD4F5



D1F5FF



5FF580



637980



000000



808080

Same Dimension

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



5FD4F5



45D6FF



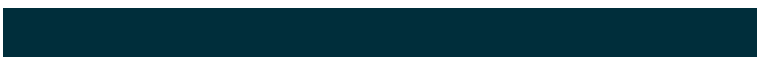
5F89F5



6E787A



0091BA



002E3B

Inverse Universe

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



F55FD4



FF45D6



F5CB5F



7A6E78



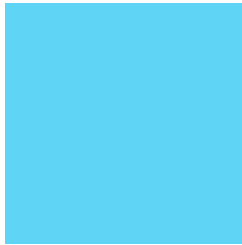
BA0091



3B002E

Previews

White Background



This preview shows how the Hex color 5FD4F5 looks on a white background.

Color Contrast Check

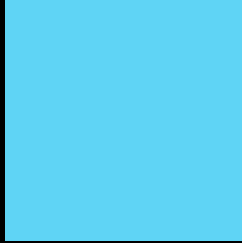
Large Text (above 18pt) WCAG AA × Fail

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 5FD4F5 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 5FD4F5 Background



This preview shows how black text looks on a background with the Hex color 5FD4F5.

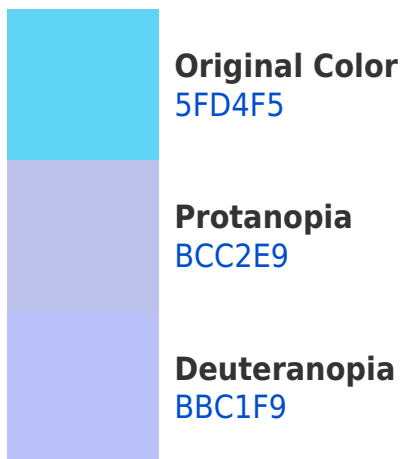


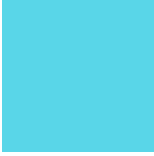
This preview shows how white text looks on a background with the Hex color 5FD4F5.

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](#).

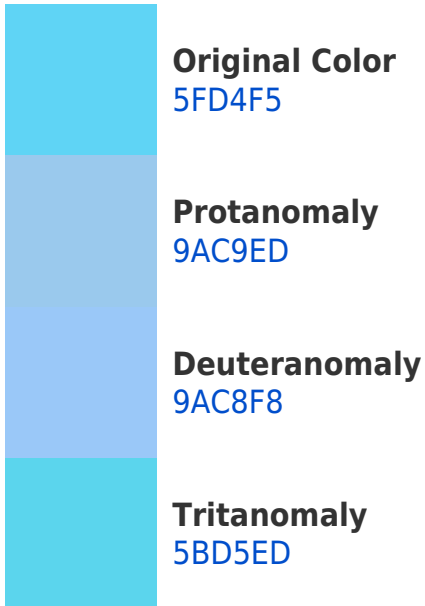
Dichromacy



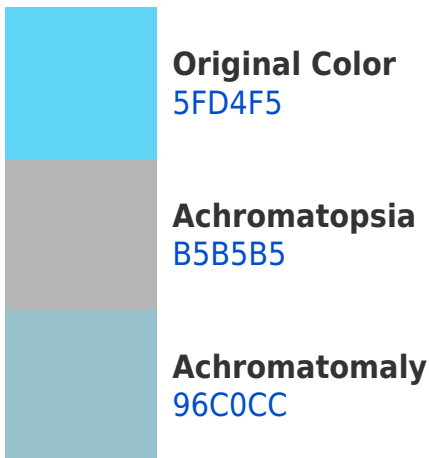


Tritanopia
59D6E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FD4F5 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 #5FD4F5 looks like.

```
.text, #text, p{  
    color:#5FD4F5  
}
```

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 #5FD4F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FD4F5  
}
```

Border

The CSS property to change the border of an element to Hex 5FD4F5 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  
#5FD4F5 }
```

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

```
.border{ border-color:#5FD4F5 }
```

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

Here you see how a box with a 4 pixel #5FD4F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FD4F5; -webkit-box-shadow:4px 4px  
4px 4px #5FD4F5; box-shadow:4px 4px 4px  
4px #5FD4F5 }
```

Background

The CSS property to change the background color of an element to Hex 5FD4F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FD4F5 }
```

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

```
.background{ background-color:#5FD4F5 }
```

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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