

Converting Colors

Hex(56D0F5)

Have a look what the booklet for
Hex(56D0F5) contains.

Hex(56D0F5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(56D0F5)

Conversions

Conversions Part 1

Format	Color
Hex	56D0F5
RGB	86, 208, 245
RGB Percent	34%, 82%, 96%
CMY	0.6627, 0.1843, 0.0392
CMYK	0.65, 0.15, 0.00, 0.04
HSL	194°, 89%, 65%
HSV	194°, 65%, 96%
XYZ	42.8751, 53.6828, 94.4883
YIQ	175.7400, -84.5890, -14.3570

Conversions

Conversions Part 2

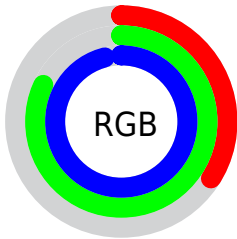
Format	Color
R _Y B	86, 155, 245
Decimal	5689589
CIE Lab	78.28, -22.90, -28.22
CIE LCh	78, 36.343, 230.944
Yxy	53.6828, 0.2244, 0.2810
Android (android.graphics.Color)	4283879669 (0xFF56D0F5)
YUV	175.7400, 34.1452, -78.7020
Hunter-Lab	73.2685, -23.7658, -25.1734

Details

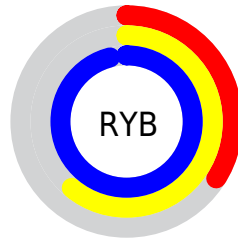
The Hex color **56D0F5** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **F57B56**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **97FFFF**, and **0099BD** is the 20% darker color. If you saturate the color by 10%, you get **3ECAF5**, and if you desaturate by 10%, it is **6FD6F5**.

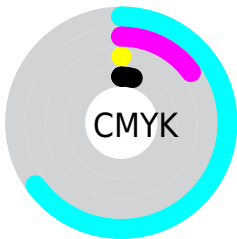
Distribution



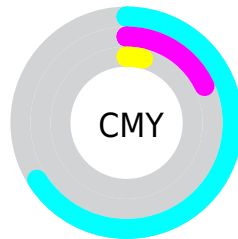
- Red (34%)
- Green (82%)
- Blue (96%)



- Red (34%)
- Yellow (61%)
- Blue (96%)



- Cyan (65%)
- Magenta (15%)
- Yellow (0%)
- Black (4%)



- Cyan (66%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56D0F5 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 56D0F5 by changing the saturation by 10% instead.

 56D0F5

 56D0F5

FFFFFF

 2EB4D8

 97FFFF

 0099BD

 B5FFFF

 007FA2

 D4FFFF

 006687


 F3FFFF

 004E6E

 003755

 00223E

 000328

 000112

■ 56D0F5

■ 56D0F5

■ 3ECAF5

■ 6FD6F5

■ 25C5F5

■ 87DBF5

■ 0DBFF5

■ A0E1F5

■ 00BCF5

■ B8E7F5

■ D1EDF5

■ E9F2F5

■ FFF8F5

■ FFFE5

■ FFFF5

Harmonies

Analogous

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



50D4D9



56D0F5



84C8FF

Triad

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



56D0F5



FDA9CD



C1C782

Complementary

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



56D0F5



F57B56

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.



E2BC7F



56D0F5



FFA9AB

Square

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



56D0F5



E3B1EC



FAB18F



9ACF96

Rectangle

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



56D0F5



A7C1FF



FAB18F



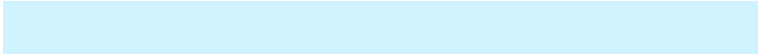
CCC47F

Sweetspot

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



56D0F5



CFF4FF



56F578



627980



000000



808080

Same Dimension

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



56D0F5



38D1FF



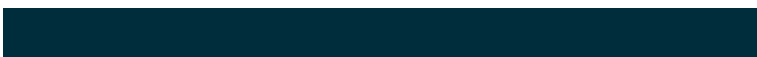
5683F5



6E787A



008FBA



002D3B

Inverse Universe

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



F556D0



FF38D1



F5C856



7A6E78



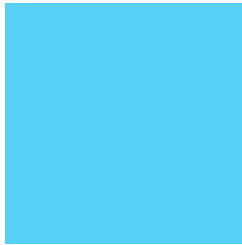
BA008F



3B002D

Previews

White Background



This preview shows how the Hex color 56D0F5 looks on a white background.

Color Contrast Check

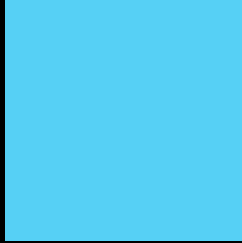
Large Text (above 18pt) WCAG AA × Fail

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 56D0F5 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 56D0F5 Background



This preview shows how black text looks on a background with the Hex color 56D0F5.

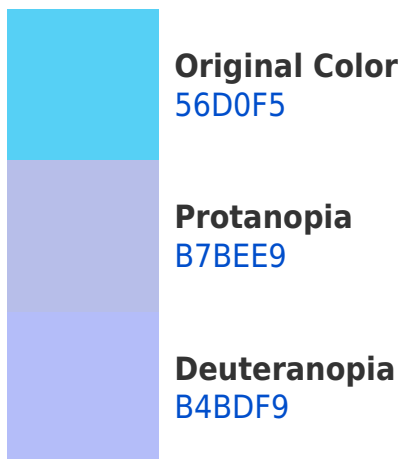


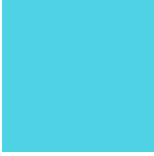
This preview shows how white text looks on a background with the Hex color 56D0F5.

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](#).

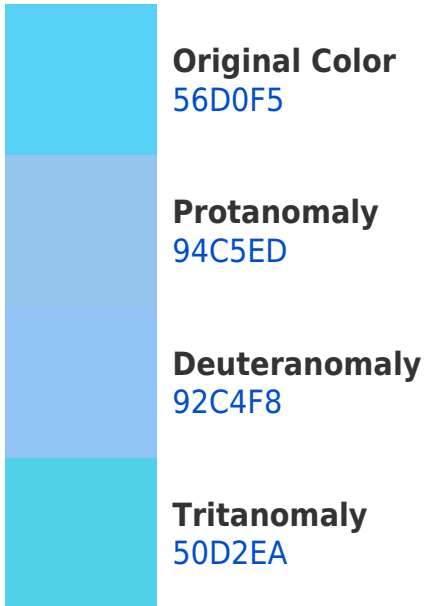
Dichromacy



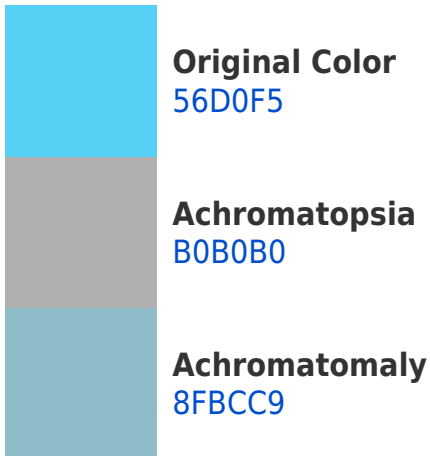


Tritanopia
4DD3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56D0F5 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 #56D0F5 looks like.

```
.text, #text, p{  
    color:#56D0F5  
}
```

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 #56D0F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56D0F5  
}
```

Border

The CSS property to change the border of an element to Hex 56D0F5 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  
#56D0F5 }
```

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

```
.border{ border-color:#56D0F5 }
```

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

Here you see how a box with a 4 pixel #56D0F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56D0F5; -webkit-box-shadow:4px 4px  
4px 4px #56D0F5; box-shadow:4px 4px 4px  
4px #56D0F5 }
```

Background

The CSS property to change the background color of an element to Hex 56D0F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56D0F5 }
```

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

```
.background{ background-color:#56D0F5 }
```

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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