

Converting Colors

Hex(57D6FA)

Have a look what the booklet for
Hex(57D6FA) contains.

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Color

Hex(57D6FA)

Conversions

Conversions Part 1

Format	Color
Hex	57D6FA
RGB	87, 214, 250
RGB Percent	34%, 84%, 98%
CMY	0.6588, 0.1608, 0.0196
CMYK	0.65, 0.14, 0.00, 0.02
HSL	193°, 94%, 66%
HSV	193°, 65%, 98%
XYZ	45.2324, 57.0215, 99.0647
YIQ	180.1310, -87.2480, -15.7280

Conversions

Conversions Part 2

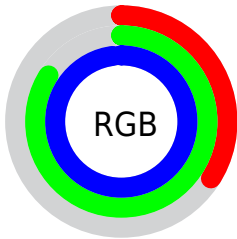
Format	Color
R_{YB}	87, 158, 250
Decimal	5756666
CIE _{Lab}	80.19, -24.25, -27.95
CIE _{LCh}	80, 37.005, 229.053
Yxy	57.0215, 0.2247, 0.2832
Android (android.graphics.Color)	4283946746 (0xFF57D6FA)
YUV	180.1310, 34.4454, -81.6759
Hunter-Lab	75.5126, -25.2247, -24.9236

Details

The Hex color **57D6FA** 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 **FA7B57**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **98FFFF**, and **009FC1** is the 20% darker color. If you saturate the color by 10%, you get **3ED0FA**, and if you desaturate by 10%, it is **70DCFA**.

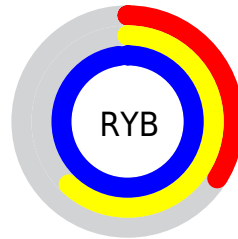
Distribution



Red (34%)

Green (84%)

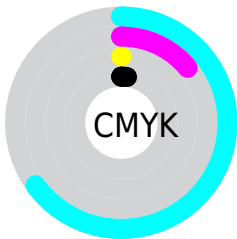
Blue (98%)



Red (34%)

Yellow (62%)

Blue (98%)

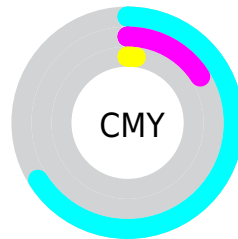


Cyan (65%)

Magenta (14%)

Yellow (0%)

Black (2%)



Cyan (66%)

Magenta (16%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57D6FA 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 57D6FA by changing the saturation by 10% instead.

 57D6FA

 57D6FA

FFFFFF

 2EBADD

 98FFFF

 009FC1

 B7FFFF

 0085A6

 D6FFFF

 006B8C

 F5FFFF

 005372

 003B59

 002642

 00052C

 000116

■ 57D6FA

■ 57D6FA

■ 3ED0FA

■ 70DCFA

■ 25CBFA

■ 89E1FA

■ 0CC5FA

■ A2E7FA

■ 00C3FA

■ BBECFA

■ D4F2FA

■ EDF7FA

■ FFFDFA

■ FFFFFA

Harmonies

Analogous

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



54DADC



57D6FA



84CEFF

Triad

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



57D6FA



FFAED5



C8CC85

Complementary

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



57D6FA



FA7B57

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.



EAC083



57D6FA



FFAEB2

Square

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



57D6FA



E6B6F4



FFB594



A1D499

Rectangle

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



57D6FA



A8C7FF



FFB594



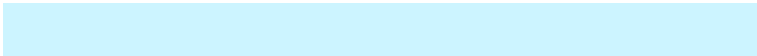
D4C882

Sweetspot

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



57D6FA



CCF4FF



57FA7A



617980



000000



808080

Same Dimension

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



57D6FA



38D3FF



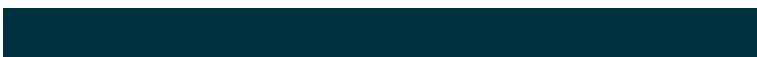
5785FA



707A7D



0093BD



00303D

Inverse Universe

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



FA57D6



FF38D3



FACC57



7D707A



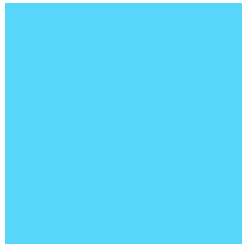
BD0093



3D0030

Previews

White Background



This preview shows how the Hex color 57D6FA looks on a white background.

Color Contrast Check

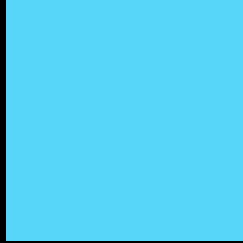
Large Text (above 18pt) WCAG AA × Fail

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 57D6FA 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 57D6FA Background



This preview shows how black text looks on a background with the Hex color 57D6FA.

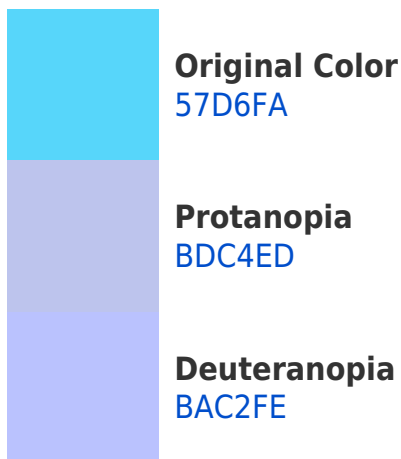


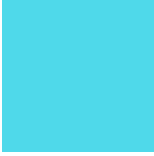
This preview shows how white text looks on a background with the Hex color 57D6FA.

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
4FD9EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57D6FA 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 #57D6FA looks like.

```
.text, #text, p{  
    color:#57D6FA  
}
```

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 #57D6FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57D6FA
}
```

Border

The CSS property to change the border of an element to Hex 57D6FA 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
#57D6FA }
```

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

```
.border{ border-color:#57D6FA }
```

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

Here you see how a box with a 4 pixel #57D6FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57D6FA; -webkit-box-shadow:4px 4px  
4px 4px #57D6FA; box-shadow:4px 4px 4px  
4px #57D6FA }
```

Background

The CSS property to change the background color of an element to Hex 57D6FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57D6FA }
```

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

```
.background{ background-color:#57D6FA }
```

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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