

Converting Colors

Hex(61D6F6)

Have a look what the booklet for
Hex(61D6F6) contains.

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Color

Hex(61D6F6)

Conversions

Conversions Part 1

Format	Color
Hex	61D6F6
RGB	97, 214, 246
RGB Percent	38%, 84%, 96%
CMY	0.6196, 0.1608, 0.0353
CMYK	0.61, 0.13, 0.00, 0.04
HSL	193°, 89%, 67%
HSV	193°, 61%, 96%
XYZ	45.6109, 57.2883, 95.8426
YIQ	182.6650, -80.0040, -14.8520

Conversions

Conversions Part 2

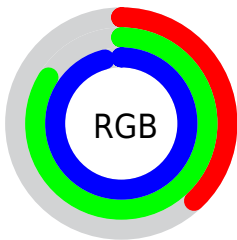
Format	Color
R _Y B	97, 163, 246
Decimal	6412022
CIE Lab	80.34, -23.81, -25.57
CIE LCh	80, 34.939, 227.037
Yxy	57.2883, 0.2295, 0.2883
Android (android.graphics.Color)	4284602102 (0xFF61D6F6)
YUV	182.6650, 31.2242, -75.1282
Hunter-Lab	75.6891, -24.8902, -22.0946

Details

The Hex color **61D6F6** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **F68161**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **A0FFFF**, and **009FBE** is the 20% darker color. If you saturate the color by 10%, you get **48D1F6**, and if you desaturate by 10%, it is **7ADBF6**.

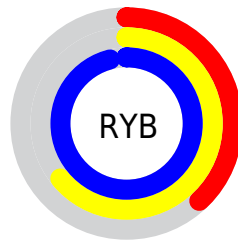
Distribution



Red (38%)

Green (84%)

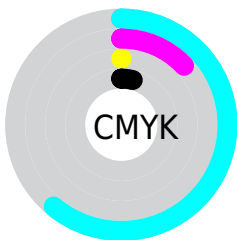
Blue (96%)



Red (38%)

Yellow (64%)

Blue (96%)

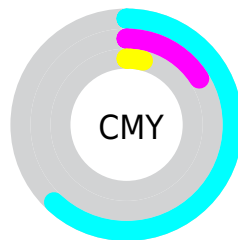


Cyan (61%)

Magenta (13%)

Yellow (0%)

Black (4%)



Cyan (62%)

Magenta (16%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61D6F6 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 61D6F6 by changing the saturation by 10% instead.

 61D6F6

 61D6F6

FFFFFF

 3EBAD9

 A0FFFF

 009FBE

 BEFFFF

 0085A3

 DDFFFF

 006B88

 FBFFFF

 00536F

 003B56

 00263F

 000529

 000113

■ 61D6F6

■ 61D6F6

■ 48D1F6

■ 7ADBF6

■ 30CBF6

■ 92E1F6

■ 17C6F6

■ ABE6F6

■ 00C1F6

■ C3EBF6

■ DCF0F6

■ F5F6F6

■ FFFBF6

■ FFFFF6

Harmonies

Analogous

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



61D9D9



61D6F6



87CFFF

Triad

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



61D6F6



FFB0D7



CBCB88

Complementary

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



61D6F6



F68161

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.



EBC088



61D6F6



FFAFB6

Square

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



61D6F6



E3B8F4



FFB699



A6D49A

Rectangle

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



61D6F6



A8C8FF



FFB699



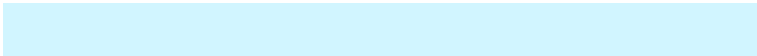
D6C886

Sweetspot

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



61D6F6



D1F5FF



61F67F



637980



000000



808080

Same Dimension

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



61D6F6



45D7FF



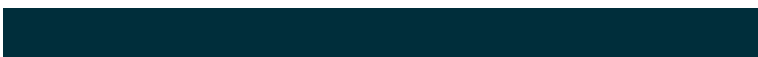
618EF6



6E787A



0092BA



002E3B

Inverse Universe

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



F661D6



FF45D7



F6C961



7A6E78



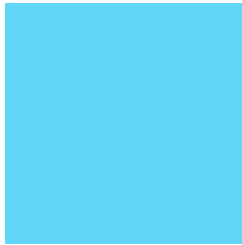
BA0092



3B002E

Previews

White Background



This preview shows how the Hex color 61D6F6 looks on a white background.

Color Contrast Check

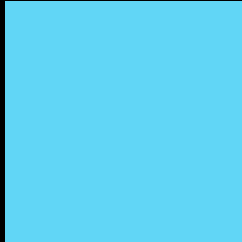
Large Text (above 18pt) WCAG AA × Fail

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 61D6F6 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 61D6F6 Background



This preview shows how black text looks on a background with the Hex color 61D6F6.

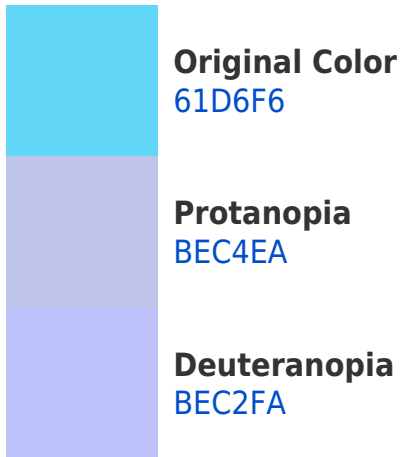


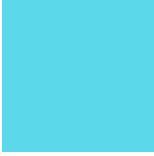
This preview shows how white text looks on a background with the Hex color 61D6F6.

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](#).

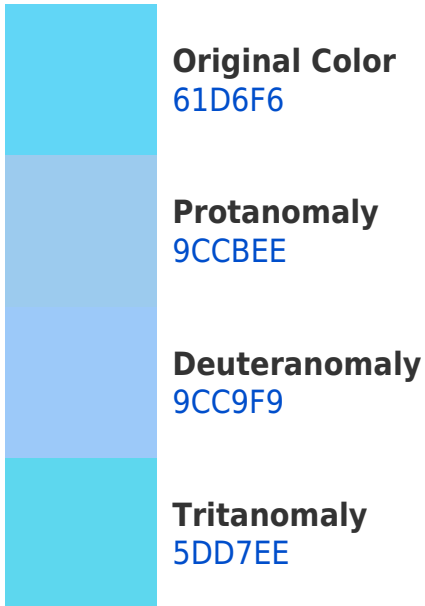
Dichromacy



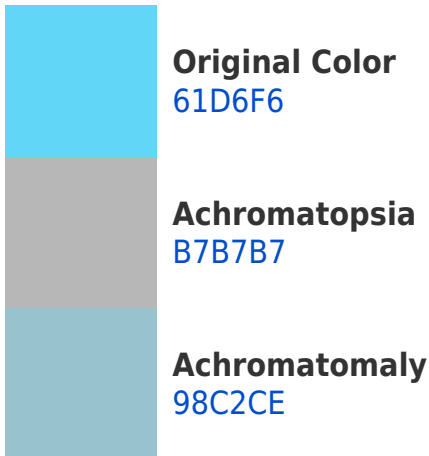


Tritanopia
5BD8EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61D6F6 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 #61D6F6 looks like.

```
.text, #text, p{  
    color:#61D6F6  
}
```

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 #61D6F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61D6F6
}
```

Border

The CSS property to change the border of an element to Hex 61D6F6 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
#61D6F6 }
```

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

```
.border{ border-color:#61D6F6 }
```

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

Here you see how a box with a 4 pixel #61D6F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61D6F6; -webkit-box-shadow:4px 4px  
4px 4px #61D6F6; box-shadow:4px 4px 4px  
4px #61D6F6 }
```

Background

The CSS property to change the background color of an element to Hex 61D6F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61D6F6 }
```

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

```
.background{ background-color:#61D6F6 }
```

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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