

Converting Colors

Hex(60D6F3)

Have a look what the booklet for
Hex(60D6F3) contains.

Hex(60D6F3)	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(60D6F3)

Conversions

Conversions Part 1

Format	Color
Hex	60D6F3
RGB	96, 214, 243
RGB Percent	38%, 84%, 95%
CMY	0.6235, 0.1608, 0.0471
CMYK	0.60, 0.12, 0.00, 0.05
HSL	192°, 86%, 66%
HSV	192°, 60%, 95%
XYZ	45.0481, 57.0510, 93.4317
YIQ	182.0240, -79.6370, -15.9970

Conversions

Conversions Part 2

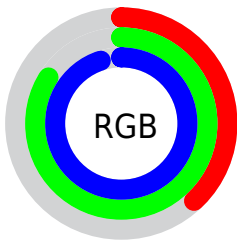
Format	Color
R _Y B	96, 161, 243
Decimal	6346483
CIE Lab	80.21, -24.85, -24.18
CIE LCh	80, 34.673, 224.208
Yxy	57.0510, 0.2304, 0.2918
Android (android.graphics.Color)	4284536563 (0xFF60D6F3)
YUV	182.0240, 30.0612, -75.4430
Hunter-Lab	75.5321, -25.7220, -20.4680

Details

The Hex color **60D6F3** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **F37D60**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **9FFFFFF**, and **009FBB** is the 20% darker color. If you saturate the color by 10%, you get **48D1F3**, and if you desaturate by 10%, it is **78DBF3**.

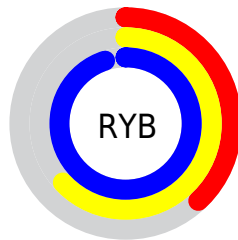
Distribution



Red (38%)

Green (84%)

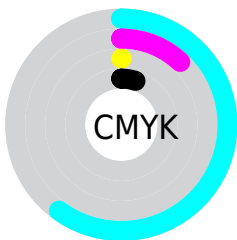
Blue (95%)



Red (38%)

Yellow (63%)

Blue (95%)

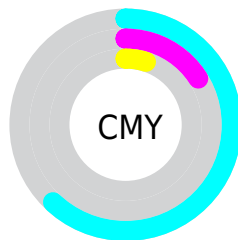


Cyan (60%)

Magenta (12%)

Yellow (0%)

Black (5%)



Cyan (62%)

Magenta (16%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60D6F3 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 60D6F3 by changing the saturation by 10% instead.

 60D6F3

 60D6F3

FFFFFF

 3DBAD7

 9FFFFFF

 009FBB

 BDFFFF

 0085A0

 DBFFFF


 006B86

 FAFFFF

 00536C

 003B54

 00263C

 000427

 000110

■ 60D6F3

■ 60D6F3

■ 48D1F3

■ 78DBF3

■ 2FCCF3

■ 91E0F3

■ 17C8F3

■ A9E4F3

■ 00C3F3

■ C1E9F3

■ D9EEF3

■ F2F3F3

■ FFF8F3

■ FFFCF3

■ FFFFF3

Harmonies

Analogous

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



64D9D6



60D6F3



83CFFF

Triad

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



60D6F3



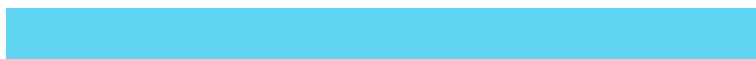
FCB1D9



CECA88

Complementary

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



60D6F3



F37D60

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.



EDBF89



60D6F3



FFAFB9

Square

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



60D6F3



DFB9F6



FFB59B



AAD298

Rectangle

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



60D6F3



A3C8FF



FFB59B



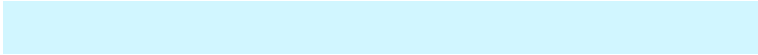
D9C686

Sweetspot

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



60D6F3



D1F6FF



60F37B



637A80



000000



808080

Same Dimension

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



60D6F3



45DAFF



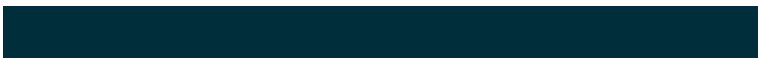
608FF3



6E787A



0095BA



002F3B

Inverse Universe

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



F360D6



FF45DA



F3C460



7A6E78



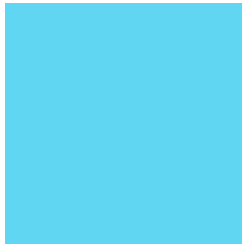
BA0095



3B002F

Previews

White Background



This preview shows how the Hex color 60D6F3 looks on a white background.

Color Contrast Check

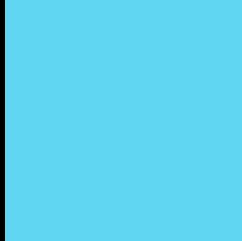
Large Text (above 18pt) WCAG AA × Fail

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 60D6F3 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 60D6F3 Background



This preview shows how black text looks on a background with the Hex color 60D6F3.

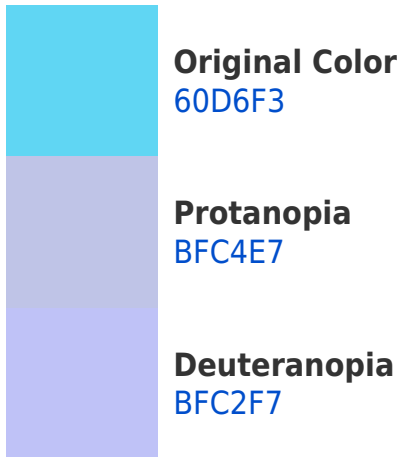


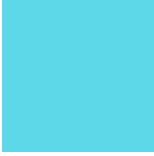
This preview shows how white text looks on a background with the Hex color 60D6F3.

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](#).

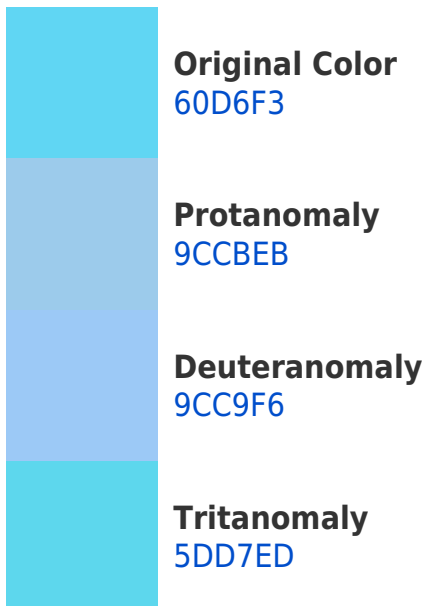
Dichromacy





Tritanopia
5CD8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 60D6F3 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 #60D6F3 looks like.

```
.text, #text, p{  
    color:#60D6F3  
}
```

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 #60D6F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60D6F3
}
```

Border

The CSS property to change the border of an element to Hex 60D6F3 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
#60D6F3 }
```

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

```
.border{ border-color:#60D6F3 }
```

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

Here you see how a box with a 4 pixel #60D6F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60D6F3; -webkit-box-shadow:4px 4px  
4px 4px #60D6F3; box-shadow:4px 4px 4px  
4px #60D6F3 }
```

Background

The CSS property to change the background color of an element to Hex 60D6F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60D6F3 }
```

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

```
.background{ background-color:#60D6F3 }
```

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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