

Converting Colors

Hex(6CD6F1)

Have a look what the booklet for
Hex(6CD6F1) contains.

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Color

Hex(6CD6F1)

Conversions

Conversions Part 1

Format	Color
Hex	6CD6F1
RGB	108, 214, 241
RGB Percent	42%, 84%, 95%
CMY	0.5765, 0.1608, 0.0549
CMYK	0.55, 0.11, 0.00, 0.05
HSL	192°, 83%, 68%
HSV	192°, 55%, 95%
XYZ	46.1081, 57.6322, 91.9131
YIQ	185.3840, -71.8430, -14.0750

Conversions

Conversions Part 2

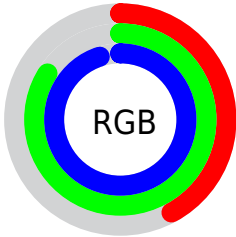
Format	Color
RYB	108, 167, 241
Decimal	7132913
CIELab	80.53, -23.22, -22.58
CIELCh	81, 32.391, 224.195
Yxy	57.6322, 0.2357, 0.2946
Android (android.graphics.Color)	4285322993 (0xFF6CD6F1)
YUV	185.3840, 27.4187, -67.8658
Hunter-Lab	75.9158, -24.4393, -18.6427

Details

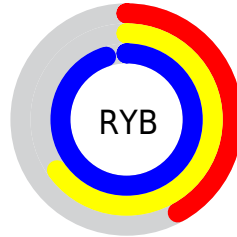
The Hex color **6CD6F1** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **F1876C**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **A8FFFF**, and **259FB9** is the 20% darker color. If you saturate the color by 10%, you get **54D1F1**, and if you desaturate by 10%, it is **84DBF1**.

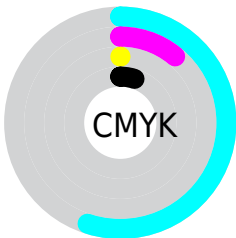
Distribution



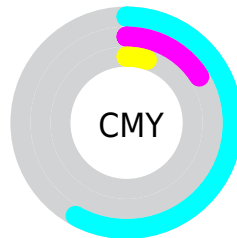
- Red (42%)
- Green (84%)
- Blue (95%)



- Red (42%)
- Yellow (65%)
- Blue (95%)



- Cyan (55%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)



- Cyan (58%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CD6F1 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 6CD6F1 by changing the saturation by 10% instead.

 6CD6F1

FFFFFF

 A8FFFF

 C6FFFF

 E4FFFF

 6CD6F1

 4CBAD5

 259FB9

 00859E


 006B84

 00536A

 003B52

 00263B

 000626

 00010F

■ 6CD6F1

■ 6CD6F1

■ 54D1F1

■ 84DBF1

■ 3CCCCF1

■ 9CE0F1

■ 24C7F1

■ B4E5F1

■ 0CC2F1

■ CCEAF1

■ 00C0F1

■ E4EEF1

■ FDF3F1

■ FFF8F1

■ FFFDF1

■ FFFFF1

Harmonies

Analogous

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



6ED9D6



6CD6F1



8ACFFF

Triad

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



6CD6F1



FAB3D9



CFCB8D

Complementary

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



6CD6F1



F1876C

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.



ECC08E



6CD6F1



FFB2BA

Square

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



6CD6F1



DEBBF3



FFB79F



ADD39C

Rectangle

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



6CD6F1



A7C9FF



FFB79F



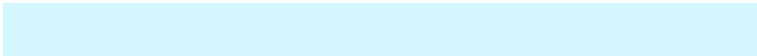
D9C78B

Sweetspot

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



6CD6F1



D4F6FF



6CF187



667A80



000000



808080

Same Dimension

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



6CD6F1



57DDFF



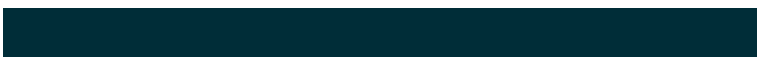
6C94F1



6C7578



0092B8



002D38

Inverse Universe

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



F16CD6



FF57DD



F1C96C



786C75



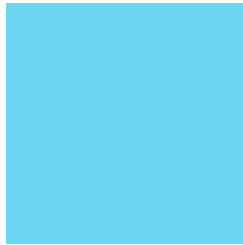
B80092



38002D

Previews

White Background



This preview shows how the Hex color 6CD6F1 looks on a white background.

Color Contrast Check

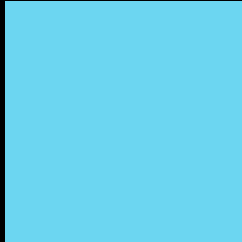
Large Text (above 18pt) WCAG AA × Fail

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 6CD6F1 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 6CD6F1 Background



This preview shows how black text looks on a background with the Hex color 6CD6F1.

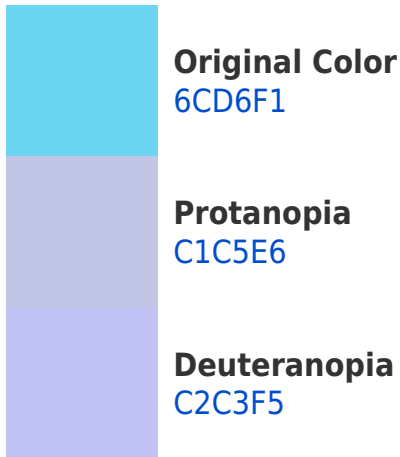


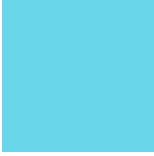
This preview shows how white text looks on a background with the Hex color 6CD6F1.

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](#).

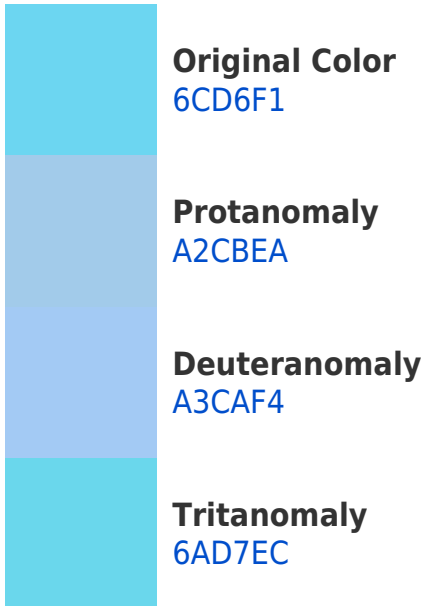
Dichromacy



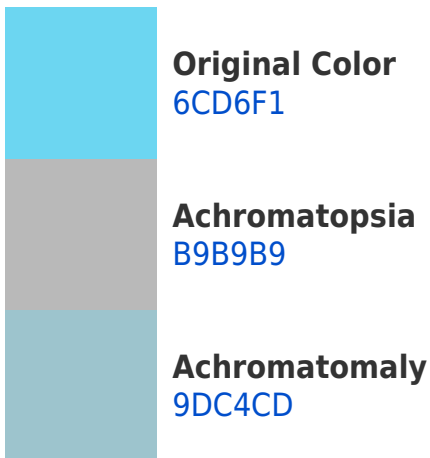


Tritanopia
69D7E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CD6F1 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 #6CD6F1 looks like.

```
.text, #text, p{  
    color:#6CD6F1  
}
```

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 #6CD6F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CD6F1
}
```

Border

The CSS property to change the border of an element to Hex 6CD6F1 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
#6CD6F1 }
```

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

```
.border{ border-color:#6CD6F1 }
```

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

Here you see how a box with a 4 pixel #6CD6F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CD6F1; -webkit-box-shadow:4px 4px  
4px 4px #6CD6F1; box-shadow:4px 4px 4px  
4px #6CD6F1 }
```

Background

The CSS property to change the background color of an element to Hex 6CD6F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CD6F1 }
```

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

```
.background{ background-color:#6CD6F1 }
```

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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