

# Converting Colors

Hex(6CD7F3)

Have a look what the booklet for  
Hex(6CD7F3) contains.

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# **Color**

**Hex(6CD7F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CD7F3
RGB	108, 215, 243
RGB Percent	42%, 84%, 95%
CMY	0.5765, 0.1569, 0.0471
CMYK	0.56, 0.12, 0.00, 0.05
HSL	192°, 85%, 69%
HSV	192°, 56%, 95%
XYZ	46.6624, 58.2601, 93.5800
YIQ	186.1990, -72.7600, -13.9760

# Conversions

## Conversions Part 2

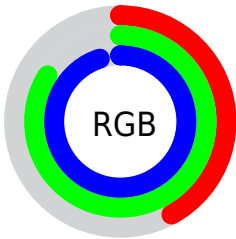
Format	Color
R <sub>YB</sub>	108, 168, 243
Decimal	7133171
CIE <sub>Lab</sub>	80.88, -23.16, -23.11
CIE <sub>LCh</sub>	81, 32.721, 224.941
Yxy	58.2601, 0.2351, 0.2935
Android (android.graphics.Color)	4285323251 (0xFF6CD7F3)
YUV	186.1990, 28.0029, -68.5805
Hunter-Lab	76.3283, -24.4506, -19.2609

# Details

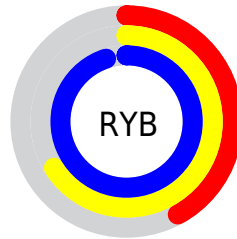
The Hex color **6CD7F3** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **F3886C**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **A9FFFF**, and **24A0BB** is the 20% darker color. If you saturate the color by 10%, you get **54D2F3**, and if you desaturate by 10%, it is **84DCF3**.

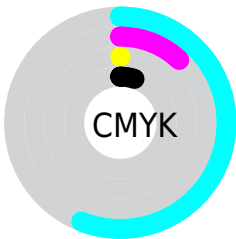
# Distribution



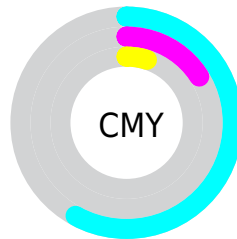
- Red (42%)
- Green (84%)
- Blue (95%)



- Red (42%)
- Yellow (66%)
- Blue (95%)



- Cyan (56%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CD7F3 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 6CD7F3 by changing the saturation by 10% instead.



 6CD7F3

 6CD7F3

FFFFFF

 4CBBD7

 A9FFFF

 24A0BB

 C7FFFF

 0086A0

 E5FFFF

 006C86

 00546C

 003C54

 00263D

 000927

 000111

6CD7F3

6CD7F3

54D2F3

84DCF3

3BCDF3

9DE1F3

23C8F3

B5E6F3

0BC3F3

CDEBF3

00C1F3

E5F0F3

FEF5F3

FFFAF3

FFFFF3

# Harmonies

## Analogous

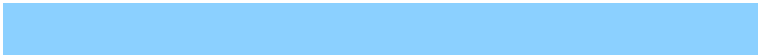
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6EDAD7



6CD7F3



8BD0FF

# Triad

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



6CD7F3



FCB4DA



CFCC8D

# Complementary

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



6CD7F3



F3886C

# 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.



ECC28E



6CD7F3



FFB2BA

# Square

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



6CD7F3



E0BCF4



FFB89F



ACD49D

# Rectangle

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



6CD7F3



A9CAFF



FFB89F



DAC98C

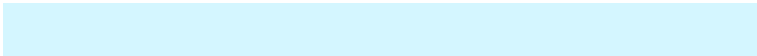


# Sweetspot

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



6CD7F3



D4F6FF



6CF387



667A80



000000



808080

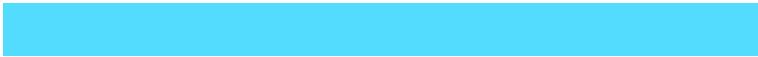


# Same Dimension

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



6CD7F3



54DCFF



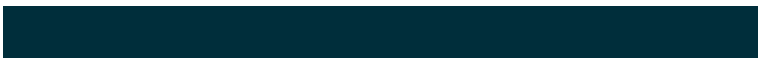
6C94F3



6E787A



0094BA



002E3B



# Inverse Universe

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



F36CD7



FF54DC



F3CA6C



7A6E78



BA0094

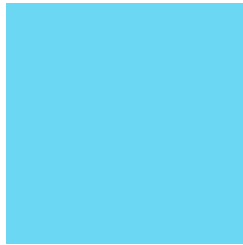


3B002E



# Previews

## White Background



This preview shows how the Hex color 6CD7F3 looks on a white background.

## Color Contrast Check

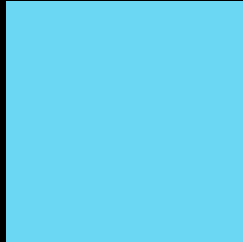
Large Text (above 18pt) WCAG AA × Fail

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 6CD7F3 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 6CD7F3 Background



This preview shows how black text looks on a background with the Hex color 6CD7F3.

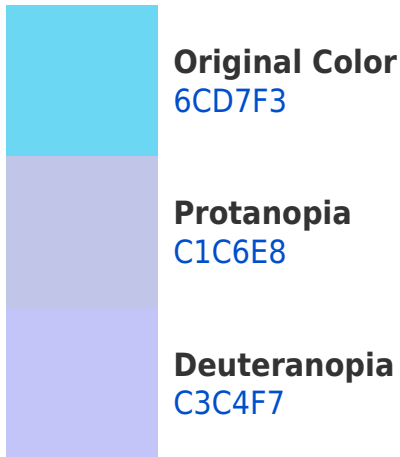


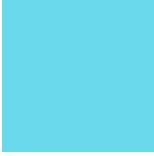
This preview shows how white text looks on a background with the Hex color 6CD7F3.

# 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](#).

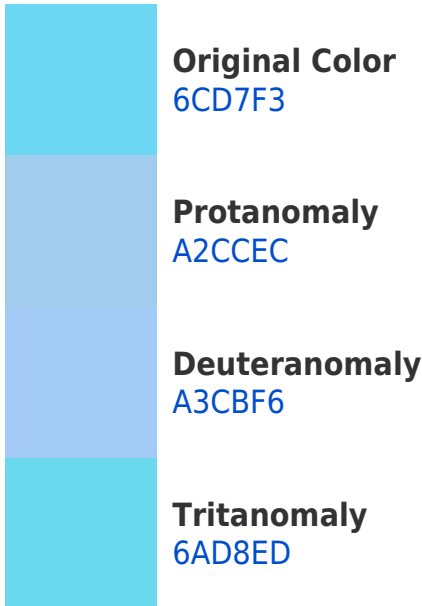
## Dichromacy



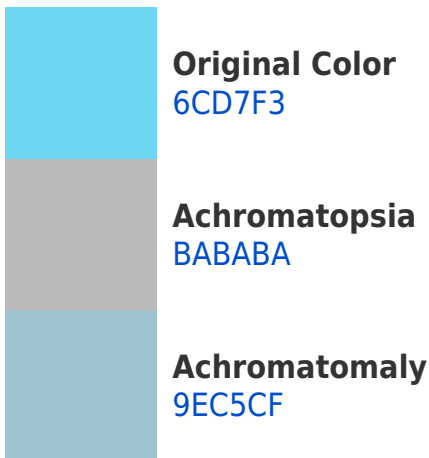


**Tritanopia**  
69D8EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CD7F3 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 #6CD7F3 looks like.

```
.text, #text, p{  
    color:#6CD7F3  
}
```

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 #6CD7F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CD7F3
}
```

## Border

The CSS property to change the border of an element to Hex 6CD7F3 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
#6CD7F3 }
```

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

```
.border{ border-color:#6CD7F3 }
```

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

Here you see how a box with a 4 pixel #6CD7F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CD7F3; -webkit-box-shadow:4px 4px  
4px 4px #6CD7F3; box-shadow:4px 4px 4px  
4px #6CD7F3 }
```

# Background

The CSS property to change the background color of an element to Hex 6CD7F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CD7F3 }
```

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

```
.background{ background-color:#6CD7F3 }
```

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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