

# Converting Colors

Hex(6ECFD4)

Have a look what the booklet for  
Hex(6ECFD4) contains.

|  |    |
|--|----|
| <b>Hex(6ECFD4)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

**Hex(6ECFD4)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 6ECFD4                       |
| RGB         | 110, 207, 212                |
| RGB Percent | 43%, 81%, 83%                |
| CMY         | 0.5686, 0.1882, 0.1686       |
| CMYK        | 0.48, 0.02, 0.00, 0.17       |
| HSL         | 183°, 54%, 63%               |
| HSV         | 183°, 48%, 83%               |
| XYZ         | 40.6269, 52.6941, 70.3171    |
| YIQ         | 178.5670, -59.4170, -19.0090 |

# Conversions

## Conversions Part 2

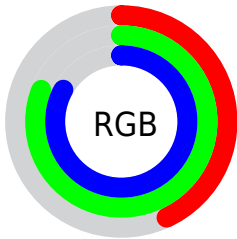
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">110, 160, 212</a>                   |
| Decimal                             | <a href="#">7262164</a>                         |
| CIELab                              | <a href="#">77.69, -27.21, -11.33</a>           |
| CIELCh                              | <a href="#">78, 29.477, 202.610</a>             |
| Yxy                                 | <a href="#">52.6941, 0.2483,<br/>0.3220</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4285452244<br/>(0xFF6ECFD4)</a>     |
| YUV                                 | <a href="#">178.5670, 16.4825,<br/>-60.1333</a> |
| Hunter-Lab                          | <a href="#">72.5907, -27.1325,<br/>-6.6195</a>  |

# Details

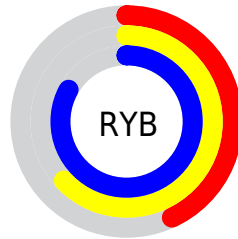
The Hex color **6ECFD4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D4736E**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **A8FFFF**, and **30989D** is the 20% darker color. If you saturate the color by 10%, you get **59CED4**, and if you desaturate by 10%, it is **83D0D4**.

# Distribution



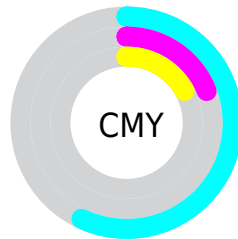
- Red (43%)
- Green (81%)
- Blue (83%)



- Red (43%)
- Yellow (63%)
- Blue (83%)



- Cyan (48%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (57%)
- Magenta (19%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6ECFD4 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 6ECFD4 by changing the saturation by 10% instead.



 6ECFD4

 6ECFD4

FFFFFF

 50B3B8

 A8FFFF

 30989D

 C5FFFF

 007E83

 E3FFFF

 00656A

 004C52

 00353B

 002125

 000111

 000000

 6ECFD4

 6ECFD4

 59CED4

 83D0D4

 44CDD4

 98D1D4

 2ECCD4

 AED2D4

 19CBD4

 C3D3D4

 04CAD4

 D8D4D4

 00CAD4

 EDD5D4

 FFD6D4

 FFD7D4

 FFD8D4

# Harmonies

## Analogous

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



81CFB8



6ECFD4



75CCEB

# Triad

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



6ECFD4



DDB2E2



DABC8A

# Complementary

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



6ECFD4



D4736E

# 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.



EFB396



6ECFD4



F2ADC8

# Square

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



6ECFD4



BBBBF2



F7ADAC



BEC58D

# Rectangle

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



6ECFD4



88C7F3



F7ADAC



E2B98C



# Sweetspot

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



6ECFD4



DBFDFF



6ED471



6A7E80



000000



808080



# Same Dimension

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



6ECFD4



6BF8FF



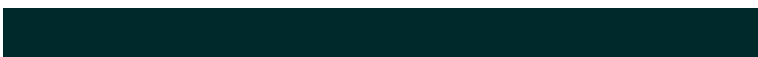
6E9ED4



606B6B



00A2AB



00292B



# Inverse Universe

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



D46ECF



FF6BF8



D4A46E



6B606B



AB00A2

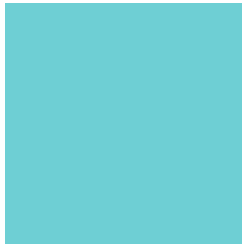


2B0029



# Previews

## White Background



This preview shows how the Hex color 6ECFD4 looks on a white background.

## Color Contrast Check

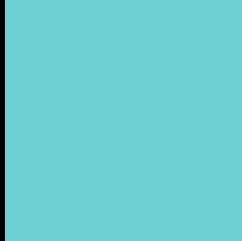
Large Text (above 18pt) WCAG AA × Fail

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 6ECFD4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

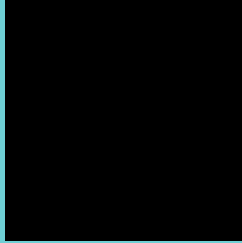
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6ECFD4 Background



This preview shows how black text looks on a background with the Hex color 6ECFD4.

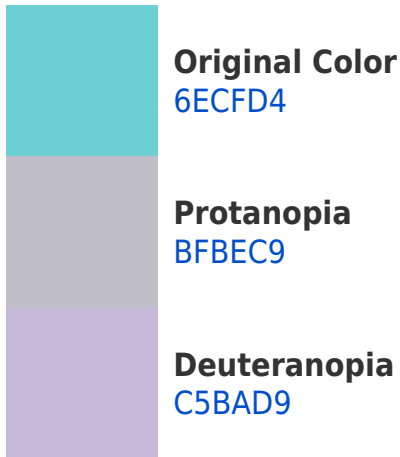


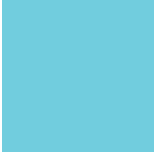
This preview shows how white text looks on a background with the Hex color 6ECFD4.

# 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](#).

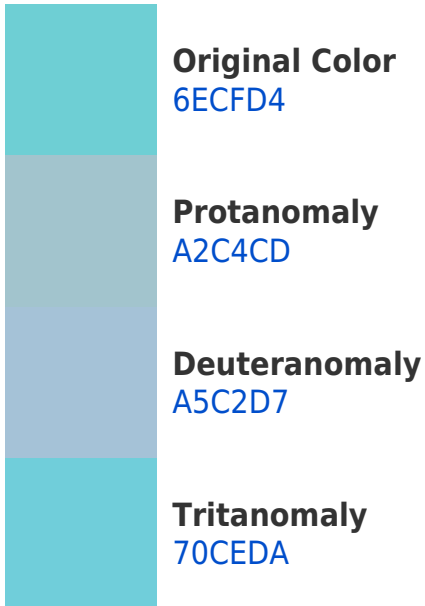
## Dichromacy





**Tritanopia**  
71CDDE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6ECFD4 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 #6ECFD4 looks like.

```
.text, #text, p{  
    color:#6ECFD4  
}
```

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 #6ECFD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ECFD4  
}
```

## Border

The CSS property to change the border of an element to Hex 6ECFD4 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  
#6ECFD4 }
```

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

```
.border{ border-color:#6ECFD4 }
```

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

Here you see how a box with a 4 pixel #6ECFD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ECFD4; -webkit-box-shadow:4px 4px  
4px 4px #6ECFD4; box-shadow:4px 4px 4px  
4px #6ECFD4 }
```

# Background

The CSS property to change the background color of an element to Hex 6ECFD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ECFD4 }
```

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

```
.background{ background-color:#6ECFD4 }
```

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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