

# Converting Colors

Hex(6ACDF4)

Have a look what the booklet for  
Hex(6ACDF4) contains.

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# **Color**

**Hex(6ACDF4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6ACDF4
RGB	106, 205, 244
RGB Percent	42%, 80%, 96%
CMY	0.5843, 0.1961, 0.0431
CMYK	0.57, 0.16, 0.00, 0.04
HSL	197°, 86%, 69%
HSV	197°, 57%, 96%
XYZ	44.1043, 53.2585, 93.5433
YIQ	179.8450, -71.5230, -8.8590

# Conversions

## Conversions Part 2

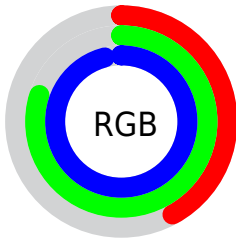
Format	Color
R <sub>YB</sub>	106, 164, 244
Decimal	6999540
CIE <sub>Lab</sub>	78.03, -18.20, -28.01
CIE <sub>LCh</sub>	78, 33.403, 236.995
Y <sub>xy</sub>	53.2585, 0.2310, 0.2790
Android (android.graphics.Color)	4285189620 (0xFF6ACDF4)
YUV	179.8450, 31.6284, -64.7621
Hunter-Lab	72.9784, -19.8362, -24.9127

# Details

The Hex color **6ACDF4** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F4916A**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **A6FFFF**, and **2297BC** is the 20% darker color. If you saturate the color by 10%, you get **52C6F4**, and if you desaturate by 10%, it is **82D4F4**.

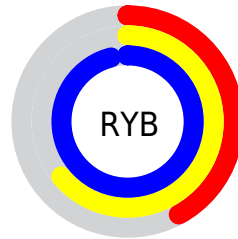
# Distribution



Red (42%)

Green (80%)

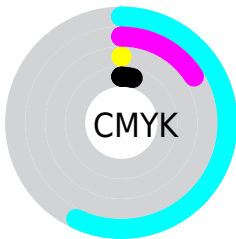
Blue (96%)



Red (42%)

Yellow (64%)

Blue (96%)

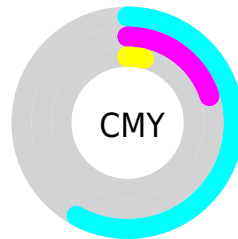


Cyan (57%)

Magenta (16%)

Yellow (0%)

Black (4%)



Cyan (58%)

Magenta (20%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6ACDF4 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 6ACDF4 by changing the saturation by 10% instead.



 6ACDF4

 6ACDF4

FFFFFF

 4AB1D8

 A6FFFF

 2297BC

 C4FFFF

 007DA1

 E3FFFF

 006486

 004C6D

 003554

 00203D

 000327

 000111

 6ACDF4

 6ACDF4

 52C6F4

 82D4F4

 39BFF4

 9BDBF4

 21B8F4

 B3E2F4

 08B1F4

 CCE9F4

 00AFF4

 E4EFF4

 FCF6F4

 FFFDF4

 FFFFF4

# Harmonies

## Analogous

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



5CD1DC



6ACDF4



93C5FE

# Triad

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



6ACDF4



FBAAC5



B9C889

# Complementary

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



6ACDF4



F4916A

# 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.



DABE83



6ACDF4



FEACA6

# Square

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



6ACDF4



E6B0E3



F2B38E



95CE9E

# Rectangle

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



6ACDF4



B2BEFC



F2B38E



C5C585

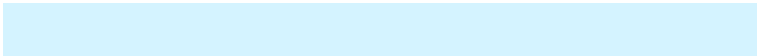


# Sweetspot

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



6ACDF4



D4F3FF



6AF48F



667880



000000



808080



# Same Dimension

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



6ACDF4



52CEFF



6A8AF4



6E777A



0086BA



002A3B



# Inverse Universe

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



F46ACD



FF52CE



F4D46A



7A6E77



BA0086

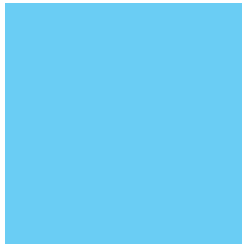


3B002A



# Previews

## White Background



This preview shows how the Hex color 6ACDF4 looks on a white background.

## Color Contrast Check

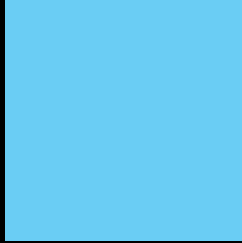
Large Text (above 18pt) WCAG AA × Fail

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 6ACDF4 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 6ACDF4 Background



This preview shows how black text looks on a background with the Hex color 6ACDF4.

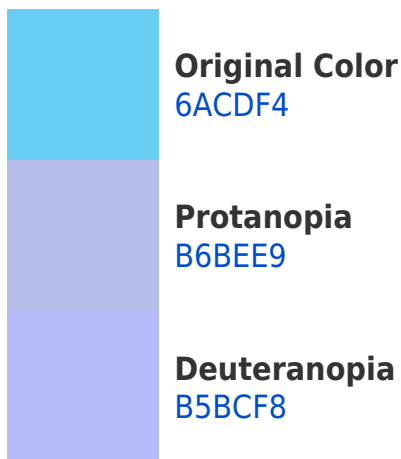


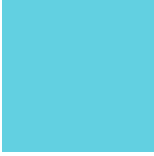
This preview shows how white text looks on a background with the Hex color 6ACDF4.

# 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](#).

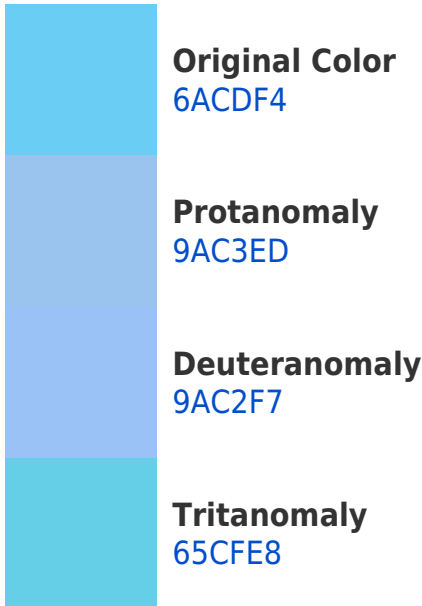
## Dichromacy



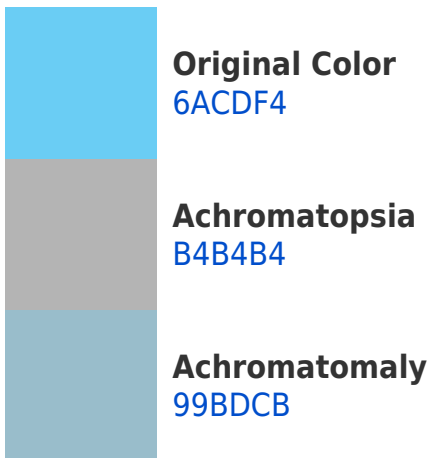


**Tritanopia**  
62D0E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6ACDF4 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 #6ACDF4 looks like.

```
.text, #text, p{  
    color:#6ACDF4  
}
```

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 #6ACDF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ACDF4
}
```

## Border

The CSS property to change the border of an element to Hex 6ACDF4 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
#6ACDF4 }
```

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

```
.border{ border-color:#6ACDF4 }
```

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

Here you see how a box with a 4 pixel #6ACDF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ACDF4; -webkit-box-shadow:4px 4px  
4px 4px #6ACDF4; box-shadow:4px 4px 4px  
4px #6ACDF4 }
```

# Background

The CSS property to change the background color of an element to Hex 6ACDF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ACDF4 }
```

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

```
.background{ background-color:#6ACDF4 }
```

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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