

# Converting Colors

Hex(6EACDC)

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

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**Color**

**Hex(6EACDC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EACDC
RGB	110, 172, 220
RGB Percent	43%, 67%, 86%
CMY	0.5686, 0.3255, 0.1373
CMYK	0.50, 0.22, 0.00, 0.14
HSL	206°, 61%, 65%
HSV	206°, 50%, 86%
XYZ	34.1012, 37.9874, 73.2451
YIQ	158.9340, -52.3600, 1.7840

# Conversions

## Conversions Part 2

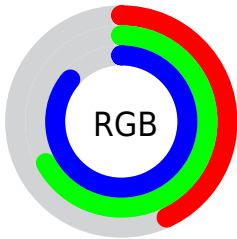
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	110, 150, 220
Decimal	7253212
CIE <sub>Lab</sub>	68.01, -6.83, -30.39
CIE <sub>LCh</sub>	68, 31.152, 257.336
Y <sub>xy</sub>	37.9874, 0.2346, 0.2614
Android (android.graphics.Color)	4285443292 (0xFF6EACDC)
YUV	158.9340, 30.1055, -42.9151
Hunter-Lab	61.6339, -9.0976, -27.3160

# Details

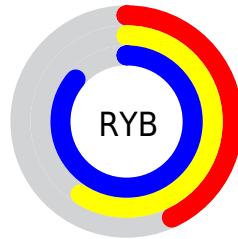
The Hex color **6EACDC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DC9E6E**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **A7E3FF**, and **3378A5** is the 20% darker color. If you saturate the color by 10%, you get **58A2DC**, and if you desaturate by 10%, it is **84B6DC**.

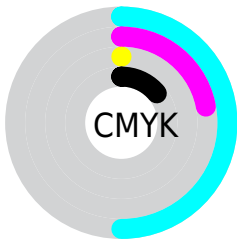
# Distribution



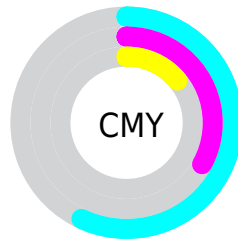
- Red (43%)
- Green (67%)
- Blue (86%)



- Red (43%)
- Yellow (59%)
- Blue (86%)



- Cyan (50%)
- Magenta (22%)
- Yellow (0%)
- Black (14%)



- Cyan (57%)
- Magenta (33%)
- Yellow (14%)

# Brightness & Saturation Gradients

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



 6EACDC

 6EACDC

FFFFFF

 5192C0

 A7E3FF

 3378A5

 C4FFFF

 045F8A

 E1FFFF

 004871

 003158

 001D40

 00032A

 000114

 000000

■ 6EACDC

■ 6EACDC

■ 58A2DC

■ 84B6DC

■ 4299DC

■ 9ABFDC

■ 2C8FDC

■ B0C9DC

■ 1686DC

■ C6D2DC

■ 007CDC

■ DCDCDC

■ F2E6DC

■ FFEFDC

■ FFF9DC

■ FFFFDC

# Harmonies

## Analogous

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



4CB2CE



6EACDC



99A3DB

# Triad

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



6EACDC



DE9196



89B07F

# Complementary

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



6EACDC



DC9E6E

# 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.



A9A970



6EACDC



D7977E

# Square

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



6EACDC



D692B3



C4A06F



68B498

# Rectangle

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



6EACDC



B29CD3



C4A06F



94AE78

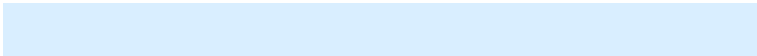


# Sweetspot

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



6EACDC



D9EEFF



6EDC9E



697580



000000



808080

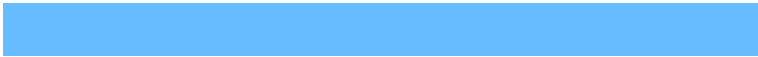


# Same Dimension

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



6EACDC



66BCFF



6E75DC



63696E



0062AD



001A2E



# Inverse Universe

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



DC6EAC



FF66BC



DCD56E



6E6369



AD0062



2E001A



# Previews

## White Background



This preview shows how the Hex color 6EACDC 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 6EACDC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

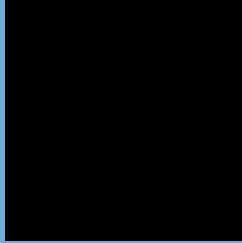
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

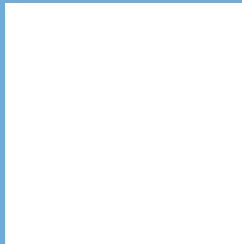
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6EACDC Background



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

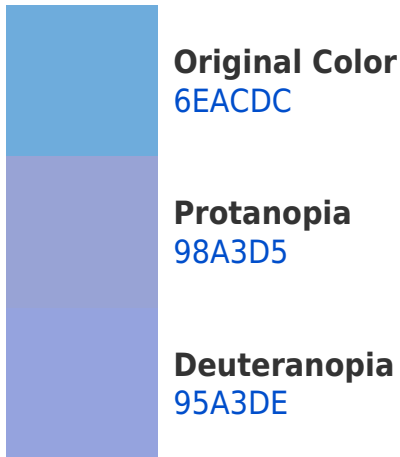


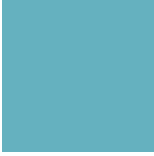
This preview shows how white text looks on a background with the Hex color 6EACDC.

# 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](#).

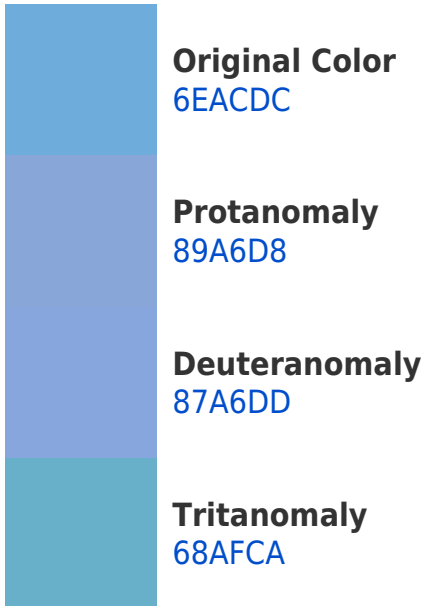
## Dichromacy



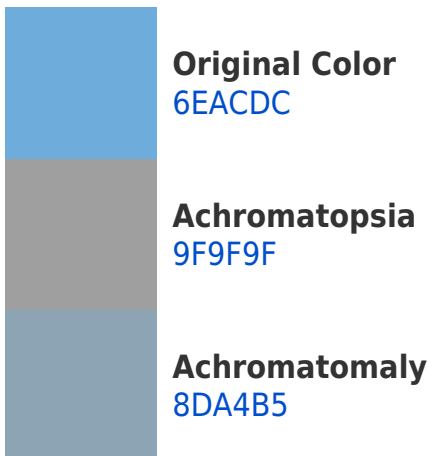


**Tritanopia**  
65B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #6EACDC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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