

# Converting Colors

Hex(6EACC8)

Have a look what the booklet for  
Hex(6EACC8) contains.

<b>Hex(6EACC8)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(6EACC8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EACC8
RGB	110, 172, 200
RGB Percent	43%, 67%, 78%
CMY	0.5686, 0.3255, 0.2157
CMYK	0.45, 0.14, 0.00, 0.22
HSL	199°, 45%, 61%
HSV	199°, 45%, 78%
XYZ	31.6083, 36.9902, 60.1175
YIQ	156.6540, -45.9400, -4.4360

# Conversions

## Conversions Part 2

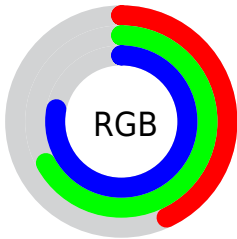
Format	Color
R <sub>YB</sub>	110, 147, 200
Decimal	7253192
CIE <sub>Lab</sub>	67.27, -12.51, -20.51
CIE <sub>LCh</sub>	67, 24.022, 238.614
Y <sub>xy</sub>	36.9902, 0.2456, 0.2874
Android (android.graphics.Color)	4285443272 (0xFF6EACC8)
YUV	156.6540, 21.3696, -40.9156
Hunter-Lab	60.8195, -13.6668, -16.0319

# Details

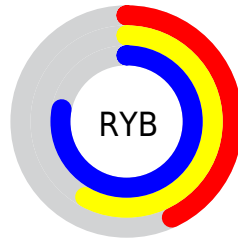
The Hex color **6EACC8** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C88A6E**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **A6E3FF**, and **367892** is the 20% darker color. If you saturate the color by 10%, you get **5AA6C8**, and if you desaturate by 10%, it is **82B2C8**.

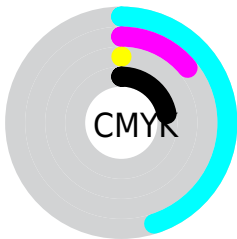
# Distribution



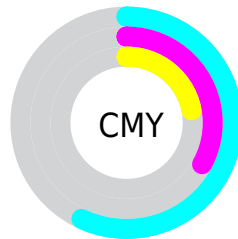
- Red (43%)
- Green (67%)
- Blue (78%)



- Red (43%)
- Yellow (58%)
- Blue (78%)



- Cyan (45%)
- Magenta (14%)
- Yellow (0%)
- Black (22%)



- Cyan (57%)
- Magenta (33%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EACC8 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 6EACC8 by changing the saturation by 10% instead.



 6EACC8

 6EACC8

FFFFFF

 5291AD

 A6E3FF

 367892

 C2FFFF

 145F78

 DFFFFF

 00475F

 FCFFFF

 003148

 001C31

 00021C

 000000

 6EACC8

 6EACC8

■ 5AA6C8

■ 82B2C8

■ 46A0C8

■ 96B8C8

■ 3299C8

■ AABFC8

■ 1E93C8

■ BEC5C8

■ 0A8DC8

■ D2CBC8

■ 008AC8

■ E6D1C8

■ FAD8C8

■ FFDEC8

■ FFE4C8

# Harmonies

## Analogous

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



64AFB8



6EACC8



88A6CF

# Triad

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



6EACC8



CD94A6



9EA97D

# Complementary

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



6EACC8



C88A6E

# 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.



B5A279



6EACC8



CF9590

# Square

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



6EACC8



BF98BB



C69B80



85AE8D

# Rectangle

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



6EACC8



9CA1CD



C69B80



A6A77B

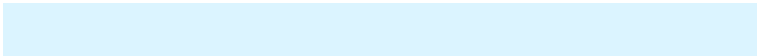


# Sweetspot

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



6EACC8



DBF4FF



6EC889



6A7980



000000



808080

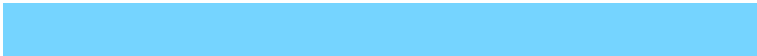


# Same Dimension

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



6EACC8



75D4FF



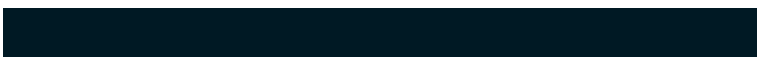
6E80C8



5A6063



0070A3



001924



# Inverse Universe

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



C86EAC



FF75D4



C8B66E



635A60



A30070

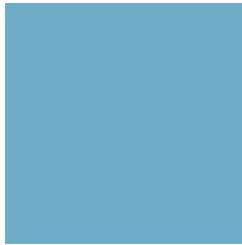


240019



# Previews

## White Background



This preview shows how the Hex color 6EACC8 looks on a white background.

## Color Contrast Check

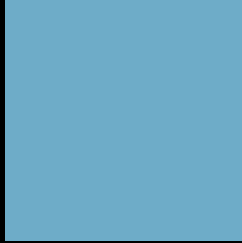
Large Text (above 18pt) WCAG AA × Fail

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 6EACC8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

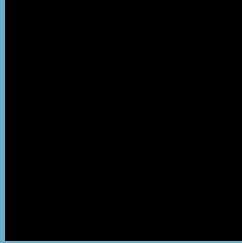
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6EACC8 Background



This preview shows how black text looks on a background with the Hex color 6EACC8.

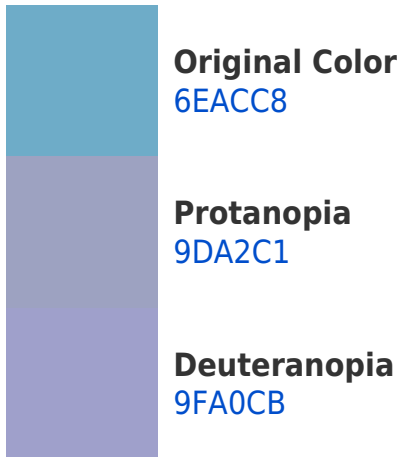


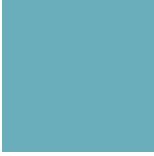
This preview shows how white text looks on a background with the Hex color 6EACC8.

# 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](#).

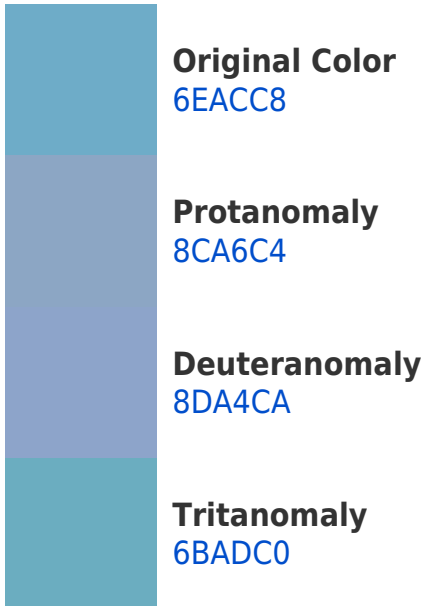
## Dichromacy



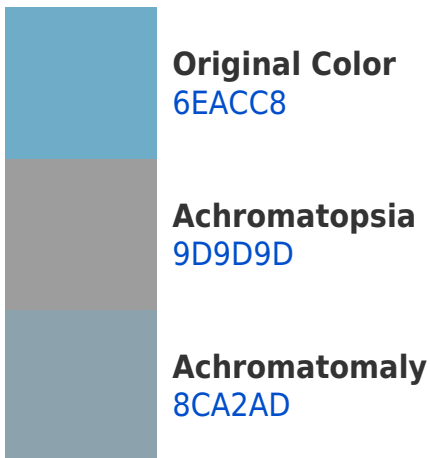


**Tritanopia**  
6AAEBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EACC8 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 #6EACC8 looks like.

```
.text, #text, p{  
    color:#6EACC8  
}
```

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 #6EACC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EACC8  
}
```

## Border

The CSS property to change the border of an element to Hex 6EACC8 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  
#6EACC8 }
```

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

```
.border{ border-color:#6EACC8 }
```

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

Here you see how a box with a 4 pixel #6EACC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EACC8; -webkit-box-shadow:4px 4px  
4px 4px #6EACC8; box-shadow:4px 4px 4px  
4px #6EACC8 }
```

# Background

The CSS property to change the background color of an element to Hex 6EACC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EACC8 }
```

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

```
.background{ background-color:#6EACC8 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor