

# Converting Colors

Hex(6EABCE)

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

<b>Hex(6EABCE)</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(6EABCE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EABCE
RGB	110, 171, 206
RGB Percent	43%, 67%, 81%
CMY	0.5686, 0.3294, 0.1922
CMYK	0.47, 0.17, 0.00, 0.19
HSL	202°, 49%, 62%
HSV	202°, 47%, 81%
XYZ	32.1339, 36.8970, 63.8207
YIQ	156.7510, -47.5910, -2.0470

# Conversions

## Conversions Part 2

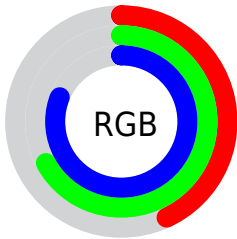
Format	Color
R <sub>YB</sub>	110, 147, 206
Decimal	7252942
CIE <sub>Lab</sub>	67.20, -10.30, -23.93
CIE <sub>LCh</sub>	67, 26.052, 246.713
Y <sub>xy</sub>	36.8970, 0.2419, 0.2777
Android (android.graphics.Color)	4285443022 (0xFF6EABCE)
YUV	156.7510, 24.2798, -41.0006
Hunter-Lab	60.7429, -11.8711, -19.7741

# Details

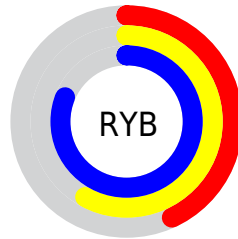
The Hex color **6EABCE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CE916E**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **A6E2FF**, and **357798** is the 20% darker color. If you saturate the color by 10%, you get **59A3CE**, and if you desaturate by 10%, it is **83B3CE**.

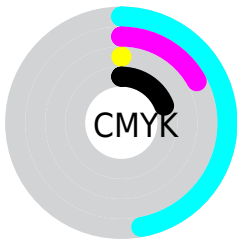
# Distribution



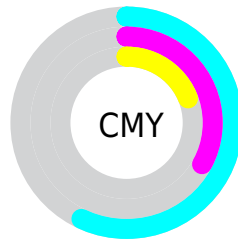
- Red (43%)
- Green (67%)
- Blue (81%)



- Red (43%)
- Yellow (58%)
- Blue (81%)



- Cyan (47%)
- Magenta (17%)
- Yellow (0%)
- Black (19%)



- Cyan (57%)
- Magenta (33%)
- Yellow (19%)

# Brightness & Saturation Gradients

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



 6EABCE

 6EABCE


FFFFFF

 5290B2

 A6E2FF

 357798

 C2FFFF

 115E7E

 E0FFFF

 004765

FDFFFF

 00304C

 001C36

 000220

 000005

 000000

 6EABCE

 6EABCE

 59A3CE

 83B3CE

 459CCE

 97BACE

 3094CE

 ACC2CE

 1C8DCE

 C0C9CE

 0785CE

 D5D1CE

 0083CE

 EAD8CE

 FEE0CE

 FFE7CE

 FFEFCE

# Harmonies

## Analogous

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



5DAFBF



6EABCE



8EA4D2

# Triad

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



6EABCE



D2929F



95AB7D

# Complementary

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



6EABCE



CE916E

# 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.



AFA475



6EABCE



D19589

# Square

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



6EABCE



C695B7



C49C79



7BAF90

# Rectangle

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



6EABCE



A49ECD



C49C79



9EA979

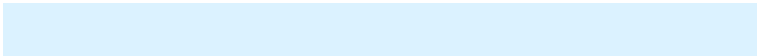


# Sweetspot

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



6EABCE



DBF2FF



6ECE90



6A7880



000000



808080

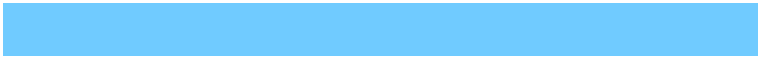


# Same Dimension

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



6EABCE



70CBFF



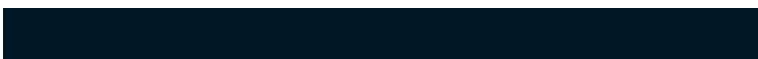
6E7CCE



5C6266



0069A6



001826



# Inverse Universe

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



CE6EAB



FF70CB



CEC06E



665C62



A60069



260018



# Previews

## White Background



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

## Color Contrast Check

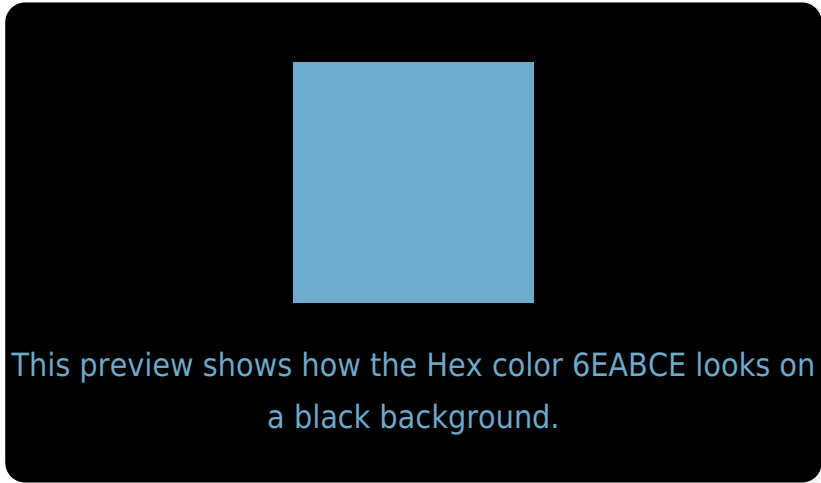
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 6EABCE Background



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



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

# 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](#).

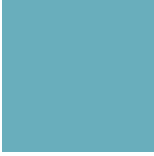
## Dichromacy



**Original Color**  
6EABCE

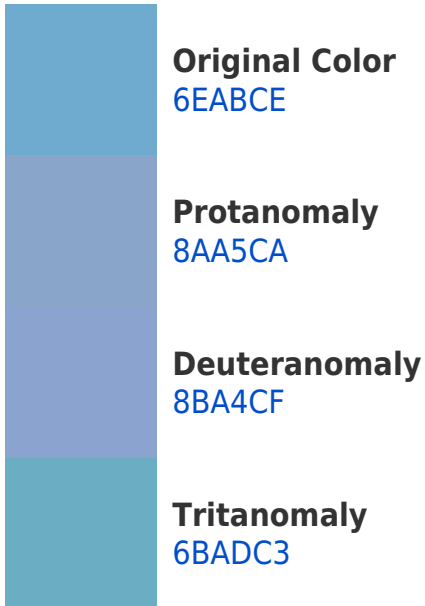
**Protanopia**  
9AA1C7

**Deuteranopia**  
9BA0D0

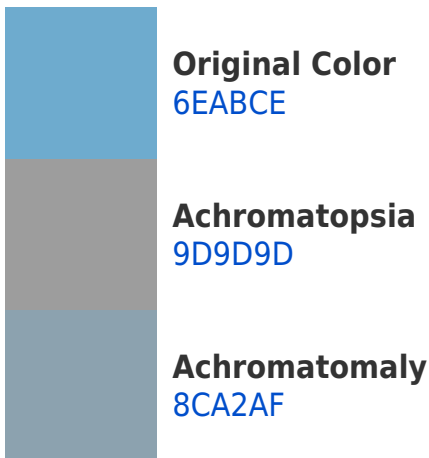


**Tritanopia**  
69AEBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #6EABCE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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