

# Converting Colors

Hex(6EAAD4)

Have a look what the booklet for  
Hex(6EAAD4) contains.

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# **Color**

**Hex(6EAAD4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EAAD4
RGB	110, 170, 212
RGB Percent	43%, 67%, 83%
CMY	0.5686, 0.3333, 0.1686
CMYK	0.48, 0.20, 0.00, 0.17
HSL	205°, 54%, 63%
HSV	205°, 48%, 83%
XYZ	32.6888, 36.8179, 67.6710
YIQ	156.8480, -49.2420, 0.3420

# Conversions

## Conversions Part 2

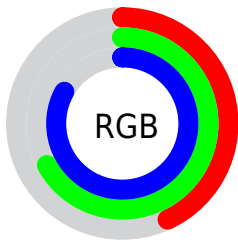
Format	Color
<a href="#">RYB</a>	<a href="#">110, 148, 212</a>
Decimal	<a href="#">7252692</a>
CIELab	<a href="#">67.14, -8.05, -27.33</a>
CIELCh	<a href="#">67, 28.493, 253.590</a>
Yxy	<a href="#">36.8179, 0.2383, 0.2684</a>
Android (android.graphics.Color)	<a href="#">4285442772 (0xFF6EAAD4)</a>
YUV	<a href="#">156.8480, 27.1899, -41.0857</a>
Hunter-Lab	<a href="#">60.6778, -10.0232, -23.6489</a>

# Details

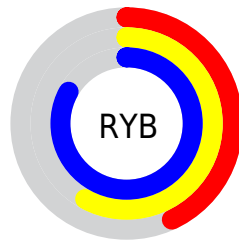
The Hex color **6EAAD4** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D4986E**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **A6E1FF**, and **34769D** is the 20% darker color. If you saturate the color by 10%, you get **59A1D4**, and if you desaturate by 10%, it is **83B3D4**.

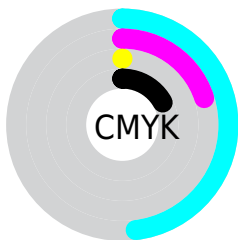
# Distribution



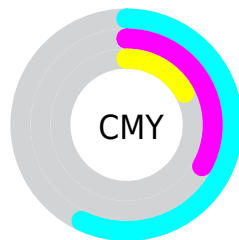
- Red (43%)
- Green (67%)
- Blue (83%)



- Red (43%)
- Yellow (58%)
- Blue (83%)



- Cyan (48%)
- Magenta (20%)
- Yellow (0%)
- Black (17%)



- Cyan (57%)
- Magenta (33%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EAAD4 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 6EAAD4 by changing the saturation by 10% instead.



■ 6EAAD4

■ 6EAAD4

FFFFFF

■ 5290B8

■ A6E1FF

■ 34769D

■ C3FEFF

■ 0D5D83

■ E0FFFF

■ 00466A

FEFFFF

■ 003051

■ 001B3A

■ 000224

■ 00000C

■ 000000

■ 6EAAD4

■ 6EAAD4

■ 59A1D4

■ 83B3D4

■ 4499D4

■ 98BBD4

■ 2E90D4

■ AEC4D4

■ 1987D4

■ C3CDD4

■ 047ED4

■ D8D6D4

■ 007DD4

■ EDDED4

■ FFE7D4

■ FFF0D4

■ FFF9D4

# Harmonies

## Analogous

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



54AFC6



6EAAD4



93A2D5

# Triad

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



6EAAD4



D79199



8DAC7E

# Complementary

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



6EAAD4



D4986E

# 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.



AAA671



6EAAD4



D29581

# Square

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



6EAAD4



CD92B3



C29D73



6FB194

# Rectangle

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



6EAAD4



AB9CCE



C29D73



97AA78

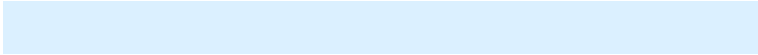


# Sweetspot

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



6EAAD4



DBF0FF



6ED497



6A7780



000000



808080

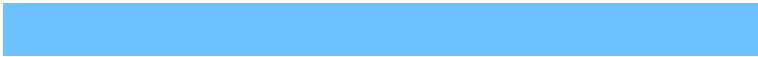


# Same Dimension

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



6EAAD4



6BC2FF



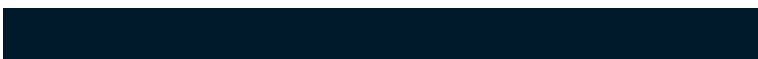
6E78D4



60676B



0065AB



001A2B



# Inverse Universe

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



D46EAA



FF6BC2



D4CA6E



6B6067



AB0064



2B0019



# Previews

## White Background



This preview shows how the Hex color 6EAAD4 looks on a white background.

## Color Contrast Check

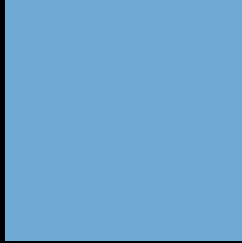
Large Text (above 18pt) WCAG AA × Fail

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 6EAAD4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

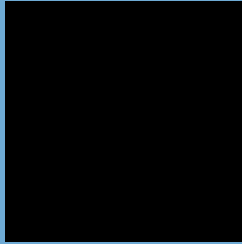
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6EAAD4 Background



This preview shows how black text looks on a background with the Hex color 6EAAD4.

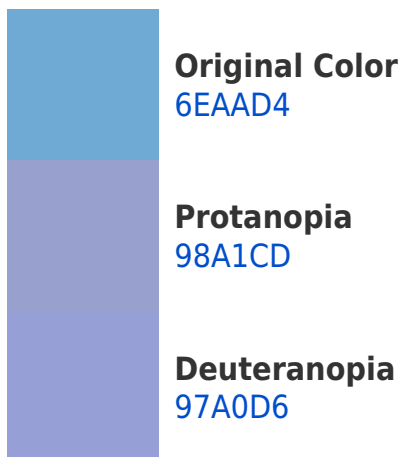


This preview shows how white text looks on a background with the Hex color 6EAAD4.

# 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](#).

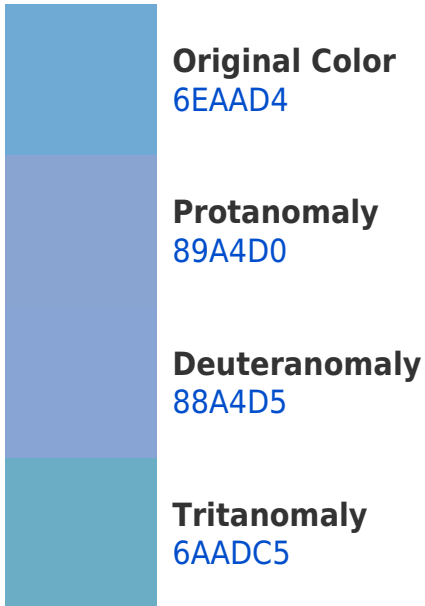
## Dichromacy



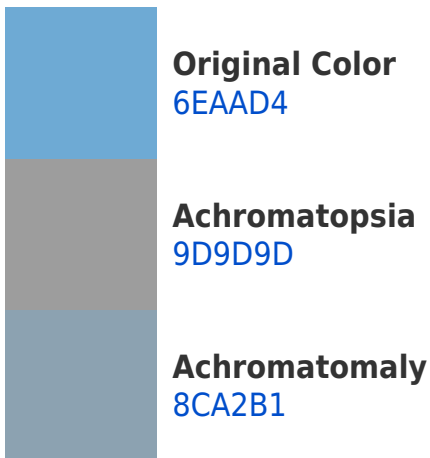


**Tritanopia**  
67AEB3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EAAD4 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 #6EAAD4 looks like.

```
.text, #text, p{  
    color:#6EAAD4  
}
```

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 #6EAAD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EAAD4
}
```

## Border

The CSS property to change the border of an element to Hex 6EAAD4 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
#6EAAD4 }
```

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

```
.border{ border-color:#6EAAD4 }
```

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

Here you see how a box with a 4 pixel #6EAAD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EAAD4; -webkit-box-shadow:4px 4px  
4px 4px #6EAAD4; box-shadow:4px 4px 4px  
4px #6EAAD4 }
```

# Background

The CSS property to change the background color of an element to Hex 6EAAD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EAAD4 }
```

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

```
.background{ background-color:#6EAAD4 }
```

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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