

# Converting Colors

Hex(667AE3)

Have a look what the booklet for  
Hex(667AE3) contains.

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# **Color**

**Hex(667AE3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	667AE3
RGB	102, 122, 227
RGB Percent	40%, 48%, 89%
CMY	0.6000, 0.5216, 0.1098
CMYK	0.55, 0.46, 0.00, 0.11
HSL	230°, 69%, 65%
HSV	230°, 55%, 89%
XYZ	26.3042, 22.2899, 75.5890
YIQ	127.9900, -45.6250, 28.4150

# Conversions

## Conversions Part 2

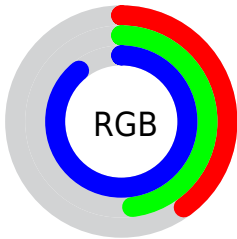
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">102, 119, 227</a>
Decimal	<a href="#">6716131</a>
CIELab	<a href="#">54.33, 22.68, -55.83</a>
CIELCh	<a href="#">54, 60.256, 292.106</a>
Yxy	<a href="#">22.2899, 0.2118, 0.1795</a>
Android (android.graphics.Color)	<a href="#">4284906211 (0xFF667AE3)</a>
YUV	<a href="#">127.9900, 48.8119, -22.7932</a>
Hunter-Lab	<a href="#">47.2122, 16.8295, -61.8777</a>

# Details

The Hex color **667AE3** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **E3CF66**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **A1AEFF**, and **234AAB** is the 20% darker color. If you saturate the color by 10%, you get **4F67E3**, and if you desaturate by 10%, it is **7D8DE3**.

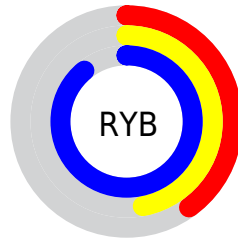
# Distribution



Red (40%)

Green (48%)

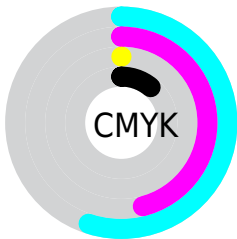
Blue (89%)



Red (40%)

Yellow (47%)

Blue (89%)

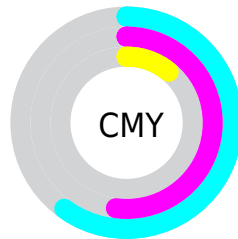


Cyan (55%)

Magenta (46%)

Yellow (0%)

Black (11%)



Cyan (60%)

Magenta (52%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 667AE3 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 667AE3 by changing the saturation by 10% instead.



■ 667AE3

■ 667AE3

FFFFFF

■ 4761C7

■ A1AEFF

■ 234AAB

■ BEC9FF

■ 003490

■ DCE5FF

■ 002076

■ FAFFFF

■ 000B5C

■ 000744

■ 00032D

■ 000117

■ 000000

■ 667AE3

■ 667AE3

■ 4F67E3

■ 7D8DE3

■ 3954E3

■ 93A0E3

■ 2241E3

■ AAB3E3

■ 0B2EE3

■ C1C6E3

■ 0024E3

■ D8D9E3

■ EEECE3

■ FFFFE3

# Harmonies

## Analogous

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



008CE9



667AE3



B362C3

# Triad

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



667AE3



CB652F



009972

# Complementary

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



667AE3



E3CF66

# 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.



2F953E



667AE3



A77B03

# Square

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



667AE3



DE515E



768B0D



009AA8

# Rectangle

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



667AE3



CF54A3



768B0D



009860



# Sweetspot

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



667AE3



D4DBFF



66E3CE



666A80



000000



808080



# Same Dimension

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



667AE3



5772FF



9066E3



676973



001DB3



000833



# Inverse Universe

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



E3667A



FF5772



B9E366



736769



B3001D

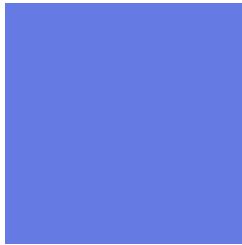


330008



# Previews

## White Background



This preview shows how the Hex color 667AE3 looks on a white background.

## Color Contrast Check

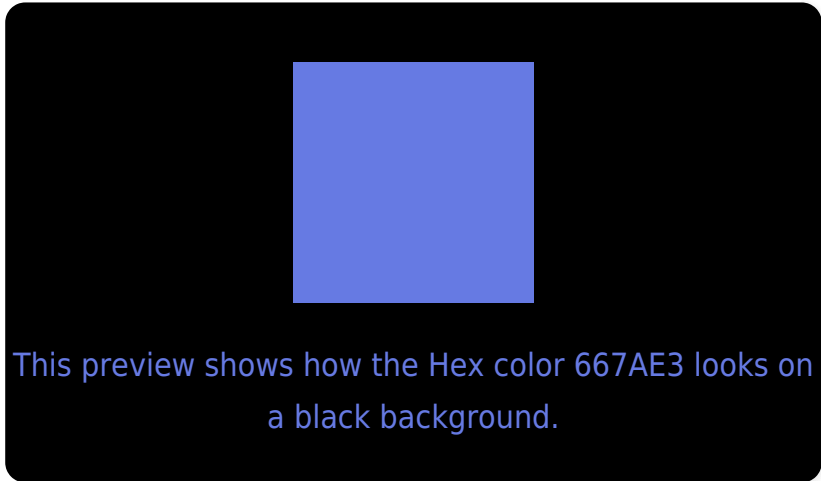
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex 667AE3 Background



This preview shows how black text looks on a background with the Hex color 667AE3.

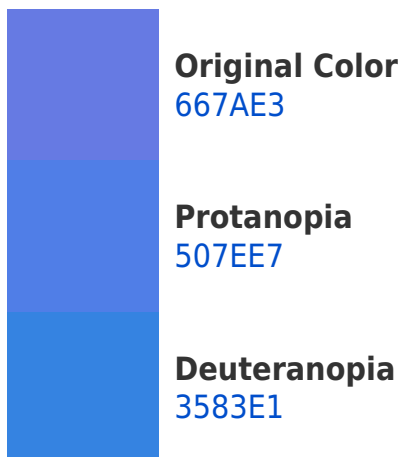


This preview shows how white text looks on a background with the Hex color 667AE3.

# 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](#).

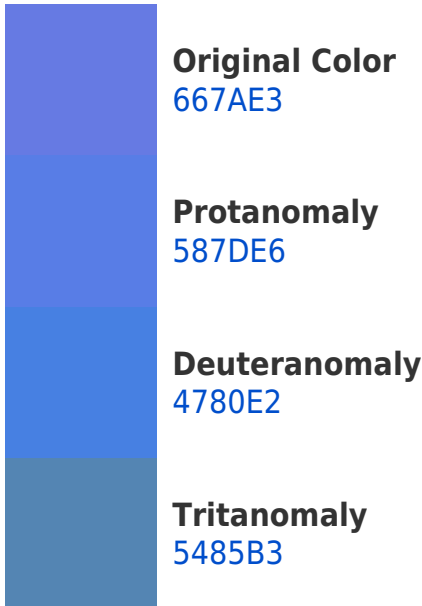
## Dichromacy



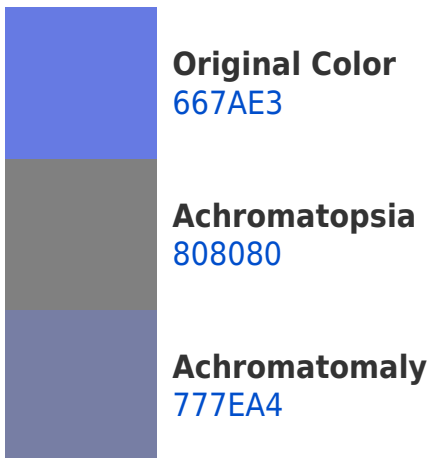


**Tritanopia**  
4A8B97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 667AE3 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 #667AE3 looks like.

```
.text, #text, p{  
    color:#667AE3  
}
```

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 #667AE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #667AE3
}
```

## Border

The CSS property to change the border of an element to Hex 667AE3 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
#667AE3 }
```

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

```
.border{ border-color:#667AE3 }
```

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

Here you see how a box with a 4 pixel #667AE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #667AE3; -webkit-box-shadow:4px 4px  
4px 4px #667AE3; box-shadow:4px 4px 4px  
4px #667AE3 }
```

# Background

The CSS property to change the background color of an element to Hex 667AE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#667AE3 }
```

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

```
.background{ background-color:#667AE3 }
```

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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