

# Converting Colors

Hex(656BA9)

Have a look what the booklet for  
Hex(656BA9) contains.

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# Color

**Hex(656BA9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	656BA9
RGB	101, 107, 169
RGB Percent	40%, 42%, 66%
CMY	0.6039, 0.5804, 0.3373
CMYK	0.40, 0.37, 0.00, 0.34
HSL	235°, 28%, 53%
HSV	235°, 40%, 66%
XYZ	17.7860, 16.1467, 39.7153
YIQ	112.2740, -23.4780, 18.0100

# Conversions

## Conversions Part 2

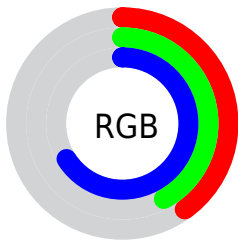
Format	Color
R <sub>Y</sub> B	101, 107, 169
Decimal	6646697
CIE Lab	47.17, 13.72, -33.99
CIE LCh	47, 36.656, 291.981
Yxy	16.1467, 0.2415, 0.2192
Android (android.graphics.Color)	4284836777 (0xFF656BA9)
YUV	112.2740, 27.9659, -9.8873
Hunter-Lab	40.1829, 8.6884, -30.4720

# Details

The Hex color **656BA9** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A9A365**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **9A9EE1**, and **313C74** is the 20% darker color. If you saturate the color by 10%, you get **545CA9**, and if you desaturate by 10%, it is **767AA9**.

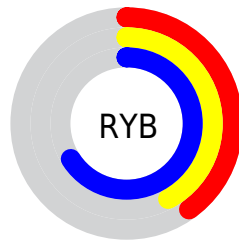
# Distribution



Red (40%)

Green (42%)

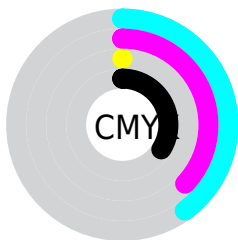
Blue (66%)



Red (40%)

Yellow (42%)

Blue (66%)

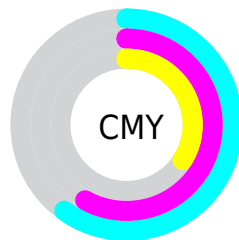


Cyan (40%)

Magenta (37%)

Yellow (0%)

Black (34%)



Cyan (60%)

Magenta (58%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 656BA9 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 656BA9 by changing the saturation by 10% instead.





656BA9



656BA9

FFFFFF



4B538E



9A9EE1



313C74



B6B9FD



15265C



D2D5FF



001344



EFF1FF



00022D



000117



000000



656BA9



656BA9



545CA9



767AA9

■ 434CA9

■ 878AA9

■ 323DA9

■ 9899A9

■ 212DA9

■ A9A9A9

■ 101EA9

■ B9B8A9

■ 000FA9

■ CAC7A9

■ DBD7A9

■ ECE6A9

■ FDF6A9

# Harmonies

## Analogous

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



1F76AD



656BA9



8E5F96

# Triad

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



656BA9



9F6040



007F66

# Complementary

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



656BA9



A9A365

# 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.



477C49



656BA9



896B31

# Square

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



656BA9



AA575A



6C7534



007F86

# Rectangle

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



656BA9



9F5984



6C7534



257E5C



# Sweetspot

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



656BA9



C1C3DB



65A9A2



5E606E



EDEDED



6E6E6E



# Same Dimension

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



656BA9



727BDB



8065A9



4C4C54



000D94



000214



# Inverse Universe

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



A9656B



DB727B



8EA965



544C4C



94000D

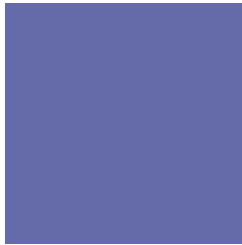


140002



# Previews

## White Background



This preview shows how the Hex color 656BA9 looks on a white background.

## Color Contrast Check

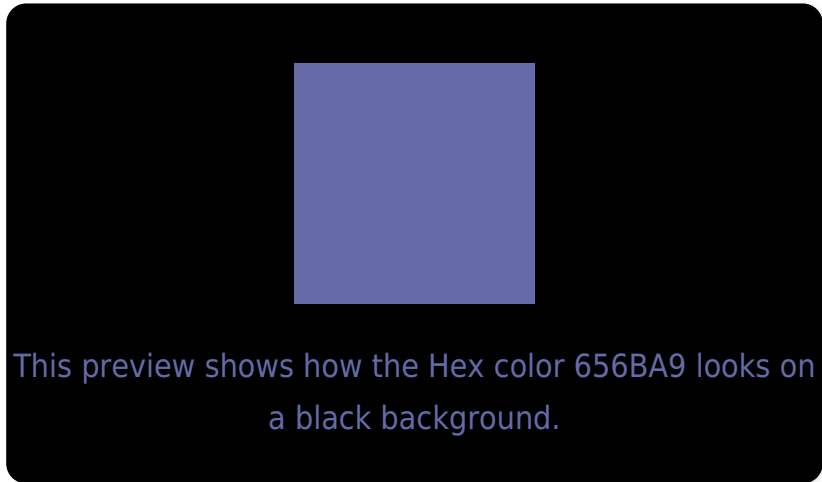
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

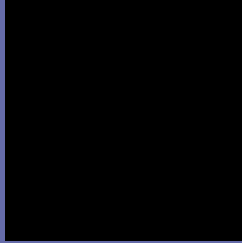
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 656BA9 Background



This preview shows how black text looks on a background with the Hex color 656BA9.

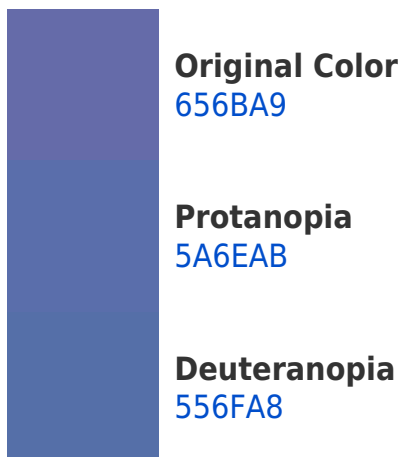


This preview shows how white text looks on a background with the Hex color 656BA9.

# 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](#).

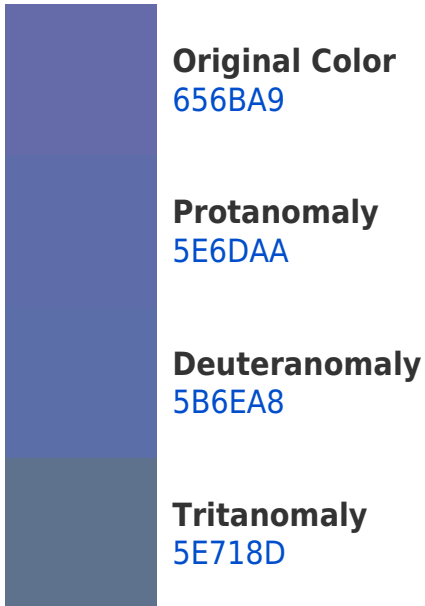
## Dichromacy





**Tritanopia**  
5A747D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 656BA9 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 #656BA9 looks like.

```
.text, #text, p{  
    color:#656BA9  
}
```

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 #656BA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #656BA9
}
```

## Border

The CSS property to change the border of an element to Hex 656BA9 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
#656BA9 }
```

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

```
.border{ border-color:#656BA9 }
```

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

Here you see how a box with a 4 pixel #656BA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #656BA9; -webkit-box-shadow:4px 4px  
4px 4px #656BA9; box-shadow:4px 4px 4px  
4px #656BA9 }
```

# Background

The CSS property to change the background color of an element to Hex 656BA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#656BA9 }
```

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

```
.background{ background-color:#656BA9 }
```

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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