

# Converting Colors

Hex(656BA5)

Have a look what the booklet for  
Hex(656BA5) contains.

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# Color

**Hex(656BA5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	656BA5
RGB	101, 107, 165
RGB Percent	40%, 42%, 65%
CMY	0.6039, 0.5804, 0.3529
CMYK	0.39, 0.35, 0.00, 0.35
HSL	234°, 26%, 52%
HSV	234°, 39%, 65%
XYZ	17.4161, 15.9987, 37.7674
YIQ	111.8180, -22.1940, 16.7660

# Conversions

## Conversions Part 2

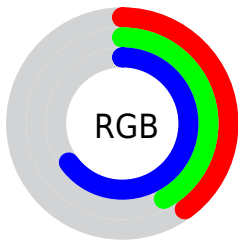
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 106, 165
Decimal	6646693
CIE <sub>Lab</sub>	46.97, 12.56, -31.95
CIE <sub>LCh</sub>	47, 34.329, 291.458
Yxy	15.9987, 0.2447, 0.2248
Android (android.graphics.Color)	4284836773 (0xFF656BA5)
YUV	111.8180, 26.2187, -9.4874
Hunter-Lab	39.9984, 7.7251, -27.9842

# Details

The Hex color **656BA5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A59F65**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **9A9EDC**, and **323C71** is the 20% darker color. If you saturate the color by 10%, you get **545CA5**, and if you desaturate by 10%, it is **757AA5**.

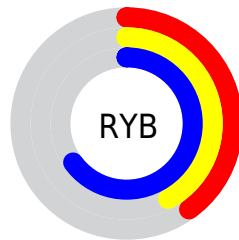
# Distribution



Red (40%)

Green (42%)

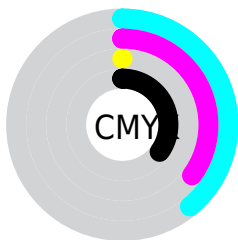
Blue (65%)



Red (40%)

Yellow (42%)

Blue (65%)

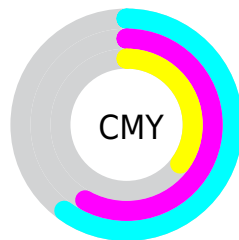


Cyan (39%)

Magenta (35%)

Yellow (0%)

Black (35%)



Cyan (60%)

Magenta (58%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 656BA5 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 656BA5 by changing the saturation by 10% instead.



■ 656BA5

■ 656BA5

FFFFFF

■ 4B538A

■ 9A9EDC

■ 323C71

■ B6B9F9

■ 172658

■ D2D5FF

■ 001340

■ EFF1FF

■ 00032A

■ 000114

■ 000000

■ 656BA5

■ 656BA5

■ 545CA5

■ 757AA5

■ 444DA5

■ 8689A5

■ 333EA5

■ 9698A5

■ 232FA5

■ A7A7A5

■ 1220A5

■ B7B6A5

■ 0211A5

■ C8C5A5

■ 000FA5

■ D8D4A5

■ E9E3A5

■ FAF2A5

# Harmonies

## Analogous

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



2A75A8



656BA5



8B6094

# Triad

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



656BA5



9D6043



187E66

# Complementary

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



656BA5



A59F65

# 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.



4B7A4A



656BA5



886B35

# Square

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



656BA5



A6595C



6C7438



007E84

# Rectangle

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



656BA5



9C5A82



6C7438



2E7D5C



# Sweetspot

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



656BA5



BCBFD6



65A59F



5C5E6B



EBEBEB



6B6B6B



# Same Dimension

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



656BA5



727BD6



7F65A5



494A52



000E91



000212



# Inverse Universe

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



A5656B



D6727B



8BA565



52494A



91000E

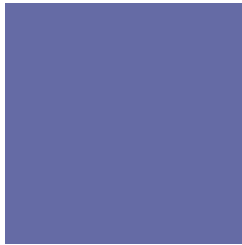


120002



# Previews

## White Background



This preview shows how the Hex color 656BA5 looks on a white background.

## Color Contrast Check

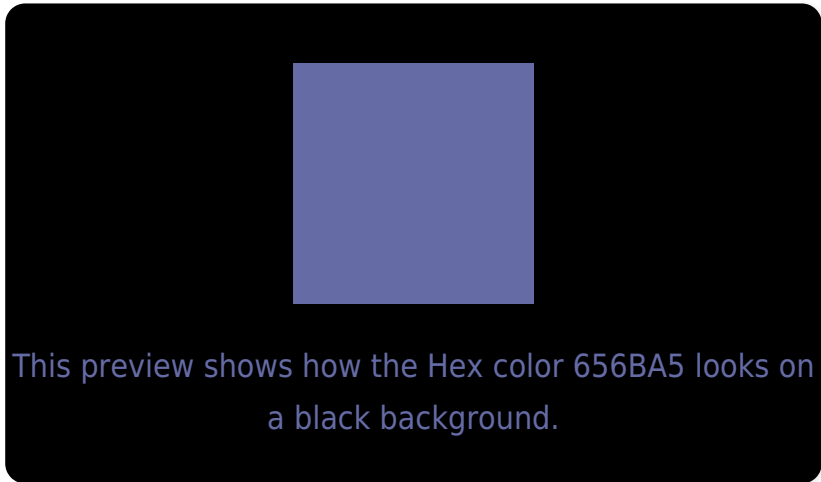
Large Text (above 18pt) WCAG AA ✓ Pass

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

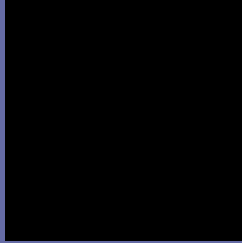
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 656BA5 Background



This preview shows how black text looks on a background with the Hex color 656BA5.

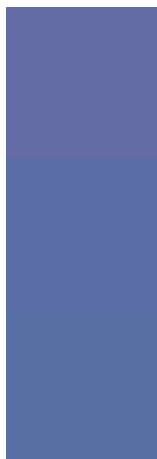


This preview shows how white text looks on a background with the Hex color 656BA5.

# 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**  
656BA5

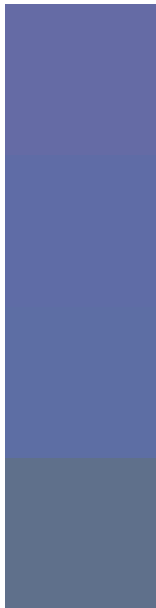
**Protanopia**  
5B6DA7

**Deuteranopia**  
586FA4



**Tritanopia**  
5B737C

# Trichromacy



**Original Color**  
656BA5

**Protanomaly**  
5F6CA6

**Deuteranomaly**  
5D6EA4

**Tritanomaly**  
5F708B

# Monochromacy



**Original Color**  
656BA5

**Achromatopsia**  
707070

**Achromatomaly**  
6C6E83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 656BA5 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 #656BA5 looks like.

```
.text, #text, p{  
    color:#656BA5  
}
```

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 #656BA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #656BA5
}
```

## Border

The CSS property to change the border of an element to Hex 656BA5 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
#656BA5 }
```

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

```
.border{ border-color:#656BA5 }
```

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

Here you see how a box with a 4 pixel #656BA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #656BA5; -webkit-box-shadow:4px 4px  
4px 4px #656BA5; box-shadow:4px 4px 4px  
4px #656BA5 }
```

# Background

The CSS property to change the background color of an element to Hex 656BA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#656BA5 }
```

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

```
.background{ background-color:#656BA5 }
```

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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