

# Converting Colors

Hex(656ACE)

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

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# Color

**Hex(656ACE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	656ACE
RGB	101, 106, 206
RGB Percent	40%, 42%, 81%
CMY	0.6039, 0.5843, 0.1922
CMYK	0.51, 0.49, 0.00, 0.19
HSL	237°, 52%, 60%
HSV	237°, 51%, 81%
XYZ	21.6614, 17.5310, 60.6347
YIQ	115.9050, -35.0800, 30.0400

# Conversions

## Conversions Part 2

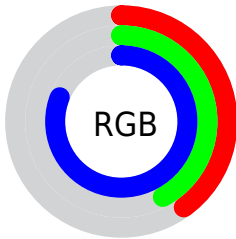
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 106, 206</a>
Decimal	<a href="#">6646478</a>
CIELab	<a href="#">48.92, 25.57, -52.61</a>
CIElCh	<a href="#">49, 58.497, 295.926</a>
Yxy	<a href="#">17.5310, 0.2170, 0.1756</a>
Android (android.graphics.Color)	<a href="#">4284836558 (0xFF656ACE)</a>
YUV	<a href="#">115.9050, 44.4168, -13.0717</a>
Hunter-Lab	<a href="#">41.8700, 19.0743, -56.5526</a>

# Details

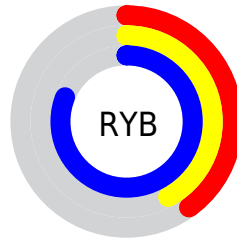
The Hex color **656ACE** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **CEC965**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **9E9DFF**, and **283B97** is the 20% darker color. If you saturate the color by 10%, you get **5056CE**, and if you desaturate by 10%, it is **7A7ECE**.

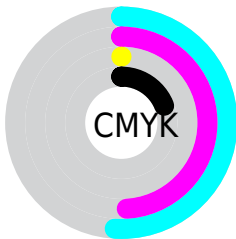
# Distribution



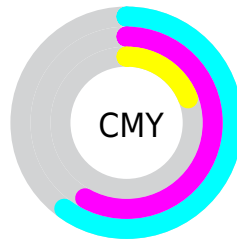
- Red (40%)
- Green (42%)
- Blue (81%)



- Red (40%)
- Yellow (42%)
- Blue (81%)



- Cyan (51%)
- Magenta (49%)
- Yellow (0%)
- Black (19%)



- Cyan (60%)
- Magenta (58%)
- Yellow (19%)

# Brightness & Saturation Gradients

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



■ 656ACE

■ 656ACE

FFFFFF

■ 4852B2

■ 9E9DFF

■ 283B97

■ BBB8FF

■ 00267D

■ D8D4FF

■ 001263

■ F6F0FF

■ 00004B

■ 000433

■ 00021D

■ 000000

■ 656ACE

■ 656ACE

■ 5056CE

■ 7A7ECE

■ 3C43CE

■ 8E91CE

■ 272FCE

■ A3A5CE

■ 131CCE

■ B7B8CE

■ 000ACE

■ CCCCCE

■ E1E0CE

■ F5F3CE

■ FFFFCE

# Harmonies

## Analogous

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



007CD8



656ACE



A952AC

# Triad

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



656ACE



B6B1F



008A6C

# Complementary

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



656ACE



CEC965

# 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.



078739



656ACE



917000

# Square

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



656ACE



CA464C



627E04



008B9E

# Rectangle

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



656ACE



C1458E



627E04



008A5A



# Sweetspot

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



656ACE



D9DBFF



65CEC9



696A80



000000



808080



# Same Dimension

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



656ACE



636BFF



9465CE



5C5C66



0008A6



000226



# Inverse Universe

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



CE656A



FF636B



9FCE65



665C5C



A60008

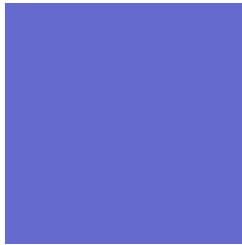


260002



# Previews

## White Background



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

## Color Contrast Check

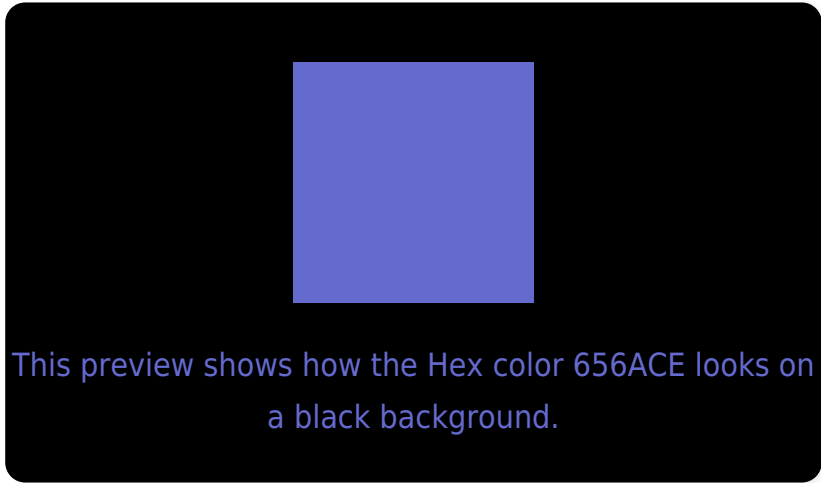
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

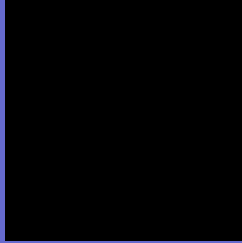
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 656ACE Background



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

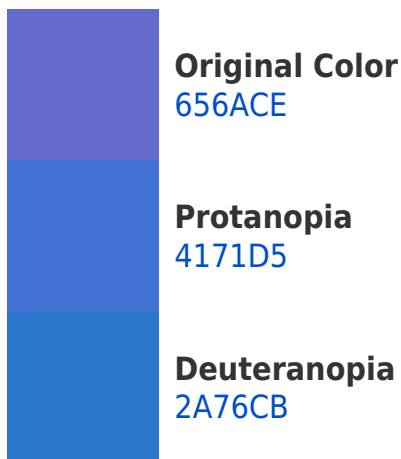


This preview shows how white text looks on a background with the Hex color 656ACE.

# 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](#).

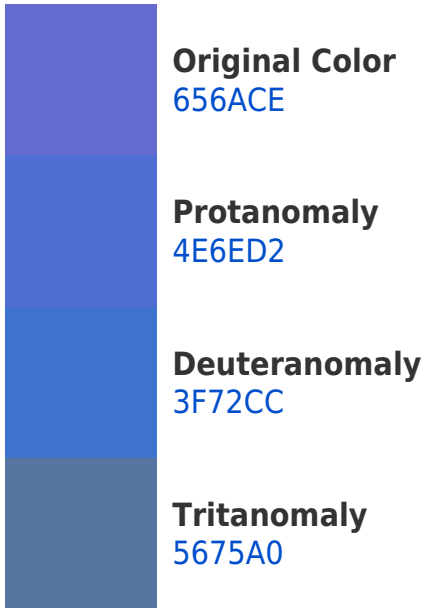
## Dichromacy



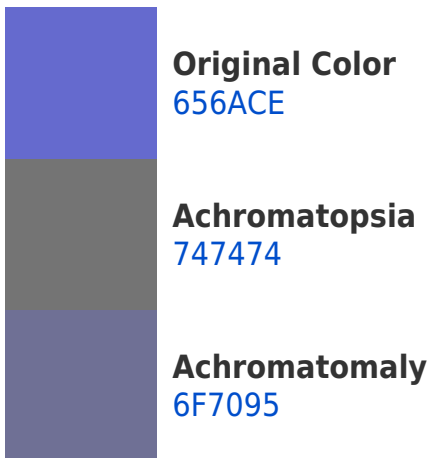


**Tritanopia**  
4E7B85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #656ACE colored shadow looks like.

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

## Border

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

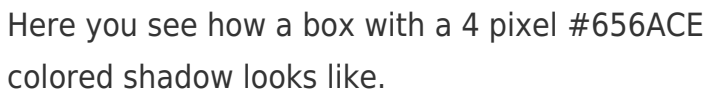
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#656ACE }
```

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

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

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



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

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

# Background

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

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

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

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

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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