

# Converting Colors

Hex(655FB9)

Have a look what the booklet for  
Hex(655FB9) contains.

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# Color

**Hex(655FB9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	655FB9
RGB	101, 95, 185
RGB Percent	40%, 37%, 73%
CMY	0.6039, 0.6275, 0.2745
CMYK	0.45, 0.49, 0.00, 0.27
HSL	244°, 39%, 55%
HSV	244°, 49%, 73%
XYZ	18.2160, 14.4539, 47.7287
YIQ	107.0540, -25.3140, 29.2620

# Conversions

## Conversions Part 2

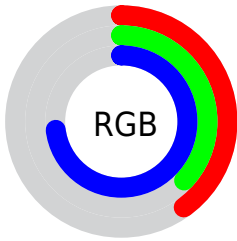
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 95, 185</a>
Decimal	<a href="#">6643641</a>
CIELab	<a href="#">44.88, 25.88, -46.97</a>
CIElCh	<a href="#">45, 53.623, 298.851</a>
Yxy	<a href="#">14.4539, 0.2266, 0.1798</a>
Android (android.graphics.Color)	<a href="#">4284833721 (0xFF655FB9)</a>
YUV	<a href="#">107.0540, 38.4274, -5.3094</a>
Hunter-Lab	<a href="#">38.0183, 18.9941, -47.8208</a>

# Details

The Hex color **655FB9** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B3B95F**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **9C92F2**, and **2D3183** is the 20% darker color. If you saturate the color by 10%, you get **544DB9**, and if you desaturate by 10%, it is **7672B9**.

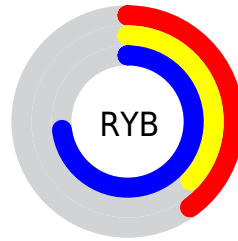
# Distribution



Red (40%)

Green (37%)

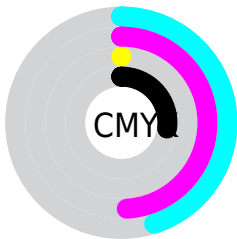
Blue (73%)



Red (40%)

Yellow (37%)

Blue (73%)

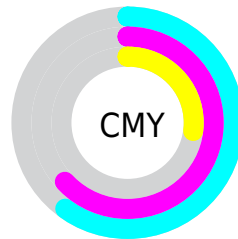


Cyan (45%)

Magenta (49%)

Yellow (0%)

Black (27%)



Cyan (60%)

Magenta (63%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 655FB9 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 655FB9 by changing the saturation by 10% instead.



■ 655FB9

■ 655FB9

FFFFFF

■ 4A479E

■ 9C92F2

■ 2D3183

■ B8ACFF

■ 061C69

■ D5C7FF

■ 000651

■ F2E4FF

■ 000239

■ 000222

■ 000009

■ 000000

■ 655FB9

■ 655FB9

■ 544DB9

■ 7672B9

■ 423AB9

■ 8884B9

■ 3128B9

■ 9997B9

■ 2015B9

■ AAA9B9

■ 0F03B9

■ BBBCB9

■ 0C00B9

■ CDCEB9

■ DEE1B9

■ EFF3B9

■ FFFFB9

# Harmonies

## Analogous

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



0070C4



655FB9



9E4A99

# Triad

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



655FB9



A3561A



007E67

# Complementary

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



655FB9



B3B95F

# 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.



007B39



655FB9



816800

# Square

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



655FB9



B74342



55740D



007E94

# Rectangle

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



655FB9



B23F7D



55740D



007E57



# Sweetspot

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



655FB9



CECCF0



5FB3B9



646278



F7F7F7



787878



# Same Dimension

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



655FB9



6E65F0



925FB9



53535C



0A009C



02001C



# Inverse Universe

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



B95FB3



F065E6



86B95F



5C535B



9C0091

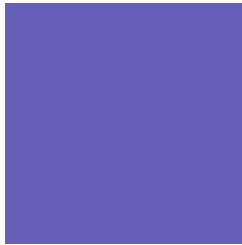


1C001A



# Previews

## White Background



This preview shows how the Hex color 655FB9 looks on a white background.

## Color Contrast Check

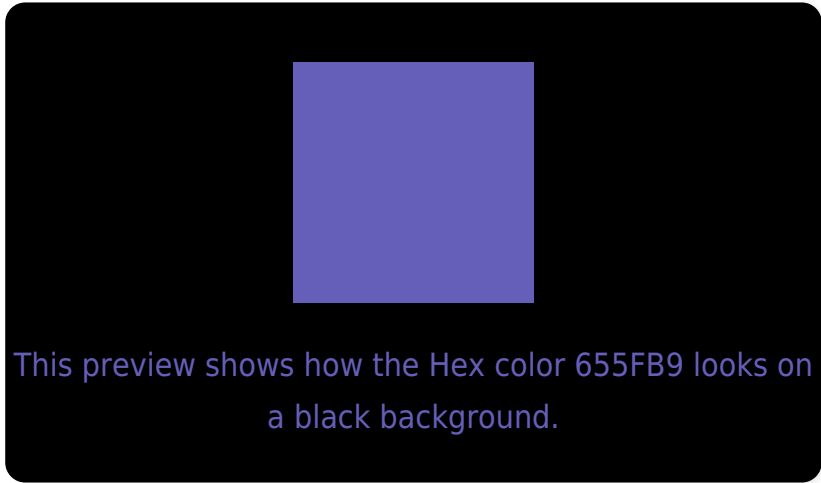
Large Text (above 18pt) WCAG AA ✓ Pass

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

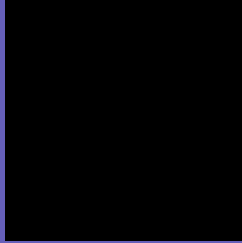
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 655FB9 Background



This preview shows how black text looks on a background with the Hex color 655FB9.



This preview shows how white text looks on a background with the Hex color 655FB9.

# 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](#).

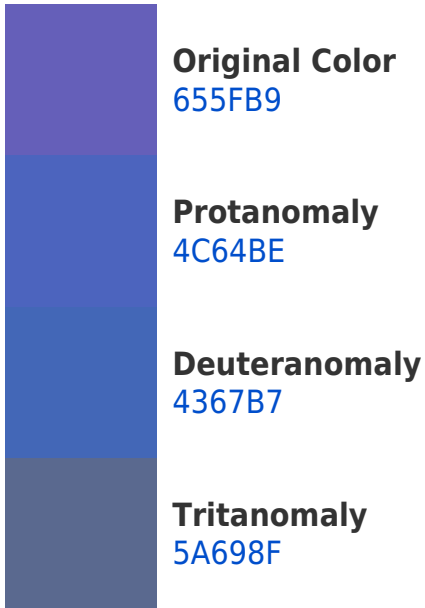
## Dichromacy



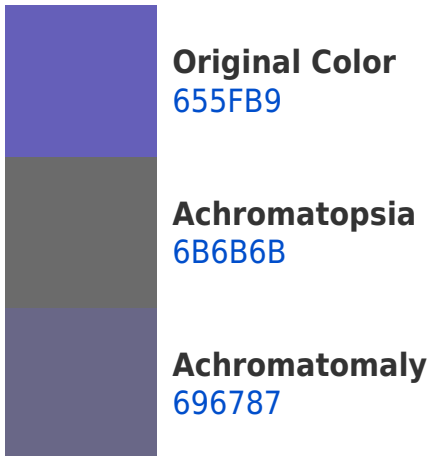


**Tritanopia**  
536F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 655FB9 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 #655FB9 looks like.

```
.text, #text, p{  
    color:#655FB9  
}
```

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 #655FB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #655FB9
}
```

## Border

The CSS property to change the border of an element to Hex 655FB9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

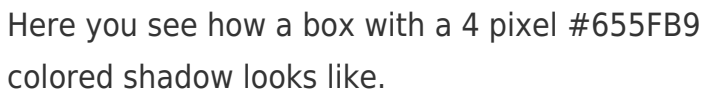
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#655FB9 }
```

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

```
.border{ border-color:#655FB9 }
```

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



Here you see how a box with a 4 pixel #655FB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #655FB9; -webkit-box-shadow:4px 4px  
4px 4px #655FB9; box-shadow:4px 4px 4px  
4px #655FB9 }
```

# Background

The CSS property to change the background color of an element to Hex 655FB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#655FB9 }
```

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

```
.background{ background-color:#655FB9 }
```

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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