

# Converting Colors

Hex(654FC4)

Have a look what the booklet for  
Hex(654FC4) contains.

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# Color

Hex(654FC4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	654FC4
RGB	101, 79, 196
RGB Percent	40%, 31%, 77%
CMY	0.6039, 0.6902, 0.2314
CMYK	0.48, 0.60, 0.00, 0.23
HSL	251°, 50%, 54%
HSV	251°, 60%, 77%
XYZ	18.1266, 12.3442, 53.6518
YIQ	98.9160, -24.4450, 41.0510

# Conversions

## Conversions Part 2

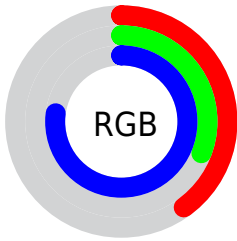
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 79, 196
Decimal	6639556
CIE <sub>Lab</sub>	41.76, 38.85, -58.39
CIE <sub>LCh</sub>	42, 70.128, 303.637
Yxy	12.3442, 0.2155, 0.1467
Android (android.graphics.Color)	4284829636 (0xFF654FC4)
YUV	98.9160, 47.8624, 1.8277
Hunter-Lab	35.1343, 30.6074, -65.9448

# Details

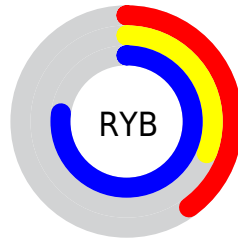
The Hex color **654FC4** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted purple. A complement of this color would be **AEC44F**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **9E81FD**, and **28218D** is the 20% darker color. If you saturate the color by 10%, you get **553BC4**, and if you desaturate by 10%, it is **7563C4**.

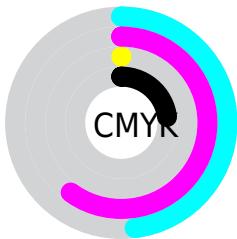
# Distribution



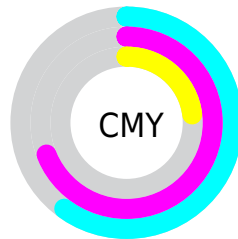
- Red (40%)
- Green (31%)
- Blue (77%)



- Red (40%)
- Yellow (31%)
- Blue (77%)



- Cyan (48%)
- Magenta (60%)
- Yellow (0%)
- Black (23%)



- Cyan (60%)
- Magenta (69%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 654FC4 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 654FC4 by changing the saturation by 10% instead.



■ 654FC4

■ 654FC4

FFFFFF

■ 4837A8

■ 9E81FD

■ 28218D

■ BB9BFF

■ 000A73

■ D8B6FF

■ 00005A

■ F6D2FF

■ 000441

■ FFEFFF

■ 00032A

■ 000114

■ 000000

■ 654FC4

■ 654FC4

■ 553BC4

■ 7563C4

■ 4528C4

■ 8576C4

■ 3514C4

■ 958AC4

■ 2501C4

■ A59DC4

■ 2500C4

■ B5B1C4

■ C4C5C4

■ D4D8C4

■ E4ECC4

■ F4FFC4

# Harmonies

## Analogous

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



0068D8



654FC4



AB2897

# Triad

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



654FC4



9F4B00



007A68

# Complementary

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



654FC4



AEC44F

# 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.



00772B



654FC4



726300

# Square

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



654FC4



BD2526



347100



007AA2

# Rectangle

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



654FC4



BF0171



347100



007A54



# Sweetspot

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



654FC4



DAD1FF



4FAFC4



696380



000000



808080



# Same Dimension

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



654FC4



6A47FF



9F4FC4



595761



1E00A1



060021



# Inverse Universe

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



C44FAE



FF47DC



74C44F



61575F



A10082



21001B



# Previews

## White Background



This preview shows how the Hex color 654FC4 looks on a white background.

## Color Contrast Check

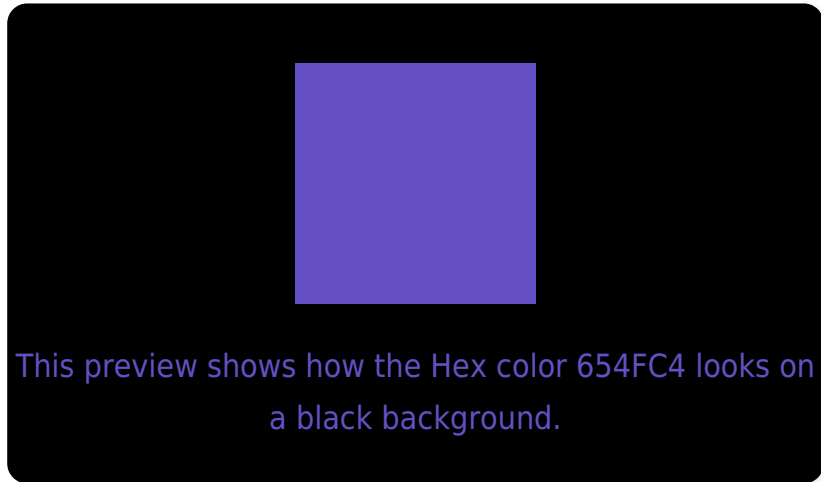
Large Text (above 18pt) WCAG AA ✓ Pass

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

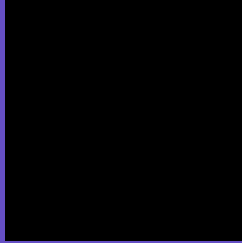
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 654FC4 Background



This preview shows how black text looks on a background with the Hex color 654FC4.

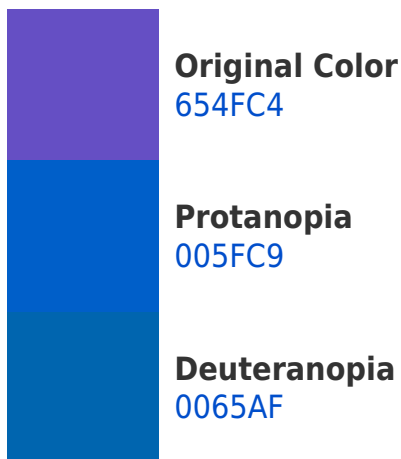



This preview shows how white text looks on a background with the Hex color 654FC4.

# 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](#).

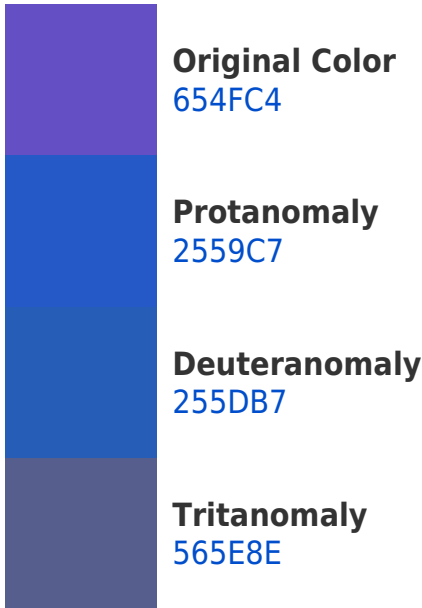
## Dichromacy





**Tritanopia**  
4D676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 654FC4 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 #654FC4 looks like.

```
.text, #text, p{  
    color:#654FC4  
}
```

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 #654FC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #654FC4
}
```

## Border

The CSS property to change the border of an element to Hex 654FC4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

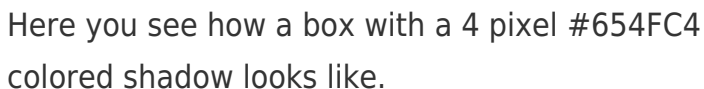
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#654FC4 }
```

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

```
.border{ border-color:#654FC4 }
```

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



Here you see how a box with a 4 pixel #654FC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #654FC4; -webkit-box-shadow:4px 4px  
4px 4px #654FC4; box-shadow:4px 4px 4px  
4px #654FC4 }
```

# Background

The CSS property to change the background color of an element to Hex 654FC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#654FC4 }
```

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

```
.background{ background-color:#654FC4 }
```

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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