

# Converting Colors

Hex(6554EE)

Have a look what the booklet for  
Hex(6554EE) contains.

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# Color

**Hex(6554EE)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 6554EE                      |
| RGB           | 101, 84, 238                |
| RGB Percent   | 40%, 33%, 93%               |
| CMY           | 0.6039, 0.6706, 0.0667      |
| CMYK          | 0.58, 0.65, 0.00, 0.07      |
| HSL           | 247°, 82%, 63%              |
| HSV           | 247°, 65%, 93%              |
| XYZ           | 23.9698, 15.2804, 82.5750   |
| YIQ           | 106.6390, -39.3020, 51.4980 |

# Conversions

## Conversions Part 2

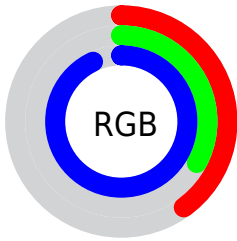
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 101, 84, 238                  |
| Decimal                             | 6640878                       |
| CIE Lab                             | 46.02, 48.59, -75.46          |
| CIE LCh                             | 46, 89.751, 302.776           |
| Yxy                                 | 15.2804, 0.1968,<br>0.1254    |
| Android<br>(android.graphics.Color) | 4284830958<br>(0xFF6554EE)    |
| YUV                                 | 106.6390, 64.7610,<br>-4.9454 |
| Hunter-Lab                          | 39.0901, 41.0470,<br>-97.8825 |

# Details

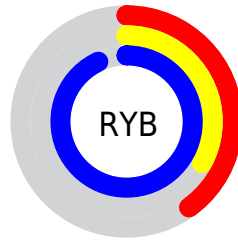
The Hex color **6554EE** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **DDEE54**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **A387FF**, and **1225B5** is the 20% darker color. If you saturate the color by 10%, you get **503CEE**, and if you desaturate by 10%, it is **7A6CEE**.

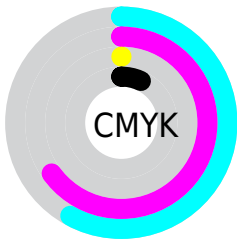
# Distribution



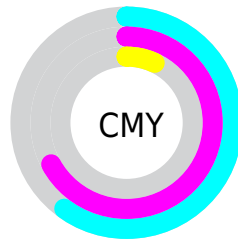
- Red (40%)
- Green (33%)
- Blue (93%)



- Red (40%)
- Yellow (33%)
- Blue (93%)



- Cyan (58%)
- Magenta (65%)
- Yellow (0%)
- Black (7%)



- Cyan (60%)
- Magenta (67%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6554EE 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 6554EE by changing the saturation by 10% instead.



 6554EE

 6554EE

FFFFFF

 433CD1

 A387FF

 1225B5

 C2A1FF

 000D99

 E0BDFF

 00007E

 FFD9FF

 000064

 FFF6FF

 00094B

 000434

 00021E

 000000

■ 6554EE

■ 6554EE

■ 503CEE

■ 7A6CEE

■ 3B24EE

■ 8F84EE

■ 250DEE

■ A59BEE

■ 1A00EE

■ BAB3EE

■ CFCBEE

■ E4E3EE

■ F9FBEE

■ FFFFEE

# Harmonies

## Analogous

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



0076FF



6554EE



C800B3

# Triad

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



6554EE



B94B00



008A72

# Complementary

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



6554EE



DDEE54

# 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.



00861E



6554EE



7F6D00

# Square

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



6554EE



E00020



287E00



008ABE

# Rectangle

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



6554EE



E30083



287E00



008958



# Sweetspot

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



6554EE



D4CFFF



54DFEE



656280



000000



808080



# Same Dimension

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



6554EE



4E38FF



B054EE



6D6C78



1400B8



060038



# Inverse Universe

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



EE54DD



FF38E9



92EE54



786C77



B800A3

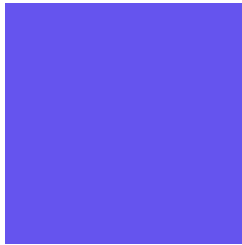


380032



# Previews

## White Background



This preview shows how the Hex color 6554EE 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

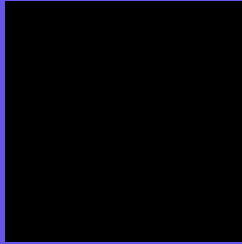
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6554EE Background



This preview shows how black text looks on a background with the Hex color 6554EE.

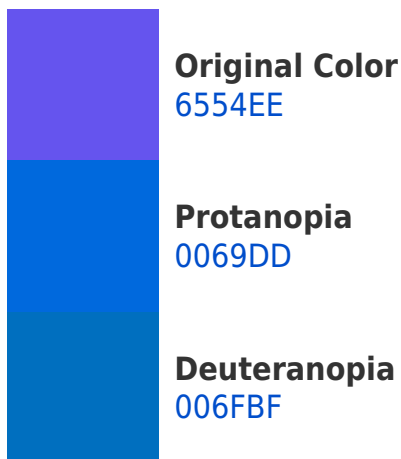



This preview shows how white text looks on a background with the Hex color 6554EE.

# 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](#).

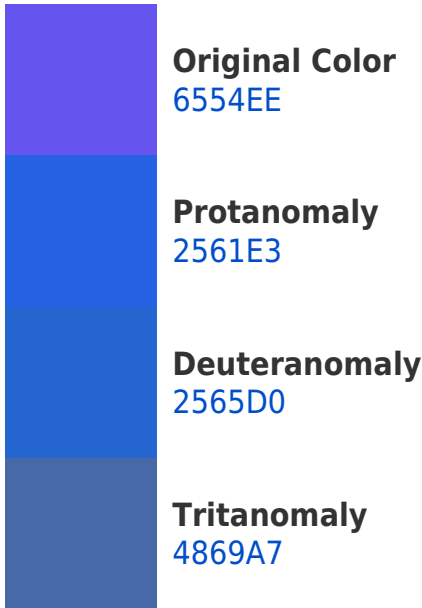
## Dichromacy





**Tritanopia**  
38757F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6554EE 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 #6554EE looks like.

```
.text, #text, p{  
    color:#6554EE  
}
```

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 #6554EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6554EE
}
```

## Border

The CSS property to change the border of an element to Hex 6554EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

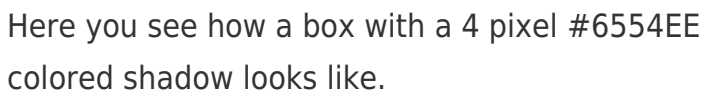
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6554EE }
```

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

```
.border{ border-color:#6554EE }
```

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



Here you see how a box with a 4 pixel #6554EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6554EE; -webkit-box-shadow:4px 4px  
4px 4px #6554EE; box-shadow:4px 4px 4px  
4px #6554EE }
```

# Background

The CSS property to change the background color of an element to Hex 6554EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6554EE }
```

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

```
.background{ background-color:#6554EE }
```

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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