

# Converting Colors

Hex(7655E1)

Have a look what the booklet for  
Hex(7655E1) contains.

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# Color

**Hex(7655E1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7655E1
RGB	118, 85, 225
RGB Percent	46%, 33%, 88%
CMY	0.5373, 0.6667, 0.1176
CMYK	0.48, 0.62, 0.00, 0.12
HSL	254°, 70%, 61%
HSV	254°, 62%, 88%
XYZ	24.3103, 15.7848, 72.9996
YIQ	110.8270, -25.2720, 50.5360

# Conversions

## Conversions Part 2

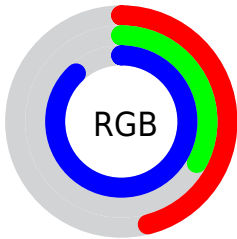
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 85, 225
Decimal	7755233
CIE <sub>Lab</sub>	46.69, 47.17, -66.96
CIE <sub>LCh</sub>	47, 81.902, 305.162
Yxy	15.7848, 0.2150, 0.1396
Android (android.graphics.Color)	4285945313 (0xFF7655E1)
YUV	110.8270, 56.2873, 6.2907
Hunter-Lab	39.7301, 39.6942, -81.1278

# Details

The Hex color **7655E1** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **C0E155**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B188FF**, and **3825A9** is the 20% darker color. If you saturate the color by 10%, you get **653EE1**, and if you desaturate by 10%, it is **876BE1**.

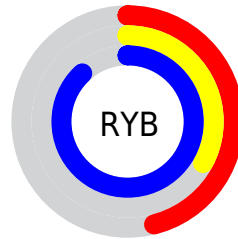
# Distribution



Red (46%)

Green (33%)

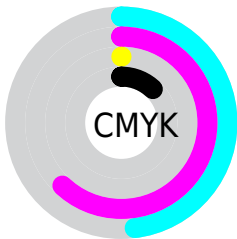
Blue (88%)



Red (46%)

Yellow (33%)

Blue (88%)

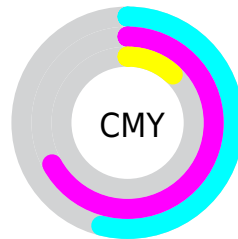


Cyan (48%)

Magenta (62%)

Yellow (0%)

Black (12%)



Cyan (54%)

Magenta (67%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7655E1 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 7655E1 by changing the saturation by 10% instead.



 7655E1

 7655E1

FFFFFF

 583DC4

 B188FF

 3825A9

 CFA3FF

 070C8D

 EDBEFF

 000073

 FFDBFF

 00005A

 FFF7FF

 000741

 00032A

 000114

 000000

■ 7655E1

■ 7655E1

■ 653EE1

■ 876BE1

■ 5428E1

■ 9882E1

■ 4211E1

■ AA98E1

■ 3500E1

■ BBAFE1

■ CCC5E1

■ DDDCE1

■ EE3E1

■ FFFFE1

# Harmonies

## Analogous

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



0075FA



7655E1



C71BAA

# Triad

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



7655E1



B35400



008A79

# Complementary

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



7655E1



C0E155

# 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.



00872F



7655E1



7D7000

# Square

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



7655E1



D82123



2D8000



008ABD

# Rectangle

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



7655E1



DE007D



2D8000



008A61



# Sweetspot

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



7655E1



DACFFB



55C0E1



696280



000000



808080



# Same Dimension

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



7655E1



6D40FF



BC55E1



686570



2900B0



0B0030



# Inverse Universe

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



E155C0



FF40D2



7AE155



70656E



B00086

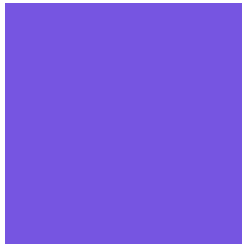


300025



# Previews

## White Background



This preview shows how the Hex color 7655E1 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

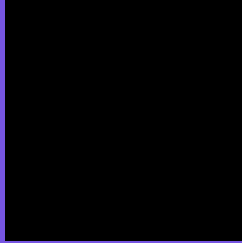
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7655E1 Background



This preview shows how black text looks on a background with the Hex color 7655E1.

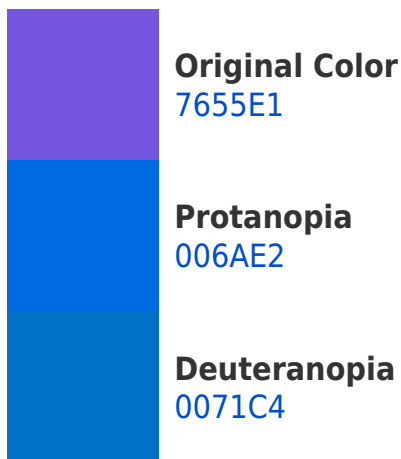


This preview shows how white text looks on a background with the Hex color 7655E1.

# 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](#).

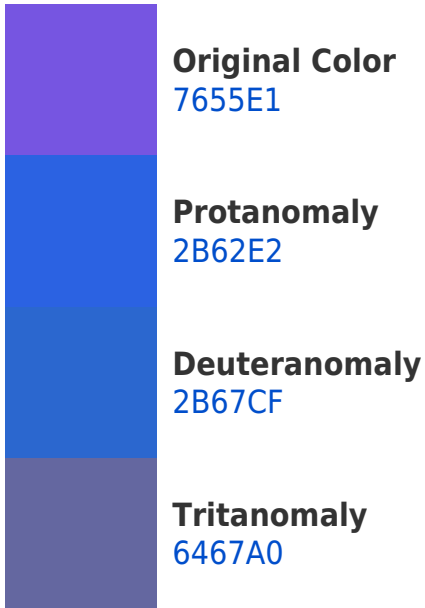
## Dichromacy





**Tritanopia**  
5A727B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7655E1 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 #7655E1 looks like.

```
.text, #text, p{  
    color:#7655E1  
}
```

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 #7655E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7655E1
}
```

## Border

The CSS property to change the border of an element to Hex 7655E1 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
#7655E1 }
```

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

```
.border{ border-color:#7655E1 }
```

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

Here you see how a box with a 4 pixel #7655E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7655E1; -webkit-box-shadow:4px 4px  
4px 4px #7655E1; box-shadow:4px 4px 4px  
4px #7655E1 }
```

# Background

The CSS property to change the background color of an element to Hex 7655E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7655E1 }
```

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

```
.background{ background-color:#7655E1 }
```

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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