

# Converting Colors

Hex(7681F5)

Have a look what the booklet for  
Hex(7681F5) contains.

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# **Color**

**Hex(7681F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7681F5
RGB	118, 129, 245
RGB Percent	46%, 51%, 96%
CMY	0.5373, 0.4941, 0.0392
CMYK	0.52, 0.47, 0.00, 0.04
HSL	235°, 86%, 71%
HSV	235°, 52%, 96%
XYZ	31.8029, 26.1446, 89.7564
YIQ	138.9350, -43.7920, 33.7440

# Conversions

## Conversions Part 2

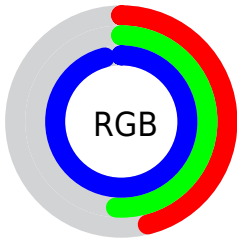
Format	Color
R <sub>Y</sub> B	118, 128, 245
Decimal	7766517
CIE Lab	58.17, 27.40, -59.64
CIE LCh	58, 65.636, 294.678
Yxy	26.1446, 0.2153, 0.1770
Android (android.graphics.Color)	4285956597 (0xFF7681F5)
YUV	138.9350, 52.2900, -18.3600
Hunter-Lab	51.1318, 21.5425, -68.2849

# Details

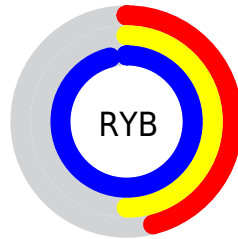
The Hex color **7681F5** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **F5EA76**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B1B6FF**, and **3750BC** is the 20% darker color. If you saturate the color by 10%, you get **5E6BF5**, and if you desaturate by 10%, it is **8F97F5**.

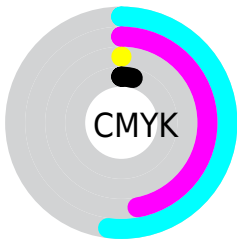
# Distribution



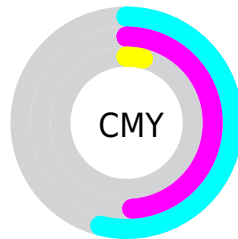
- Red (46%)
- Green (51%)
- Blue (96%)



- Red (46%)
- Yellow (50%)
- Blue (96%)



- Cyan (52%)
- Magenta (47%)
- Yellow (0%)
- Black (4%)



- Cyan (54%)
- Magenta (49%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7681F5 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 7681F5 by changing the saturation by 10% instead.



 7681F5

 7681F5

FFFFFF

 5868D8

 B1B6FF

 3750BC

 CFD1FF

 0039A0

 EDEDFE

 002586

 00126C

 000053

 00063A

 000224

 00000C

■ 7681F5

■ 7681F5

■ 5E6BF5

■ 8F97F5

■ 4554F5

■ A7AEF5

■ 2C3EF5

■ C0C4F5

■ 1427F5

■ D8DBF5

■ 0015F5

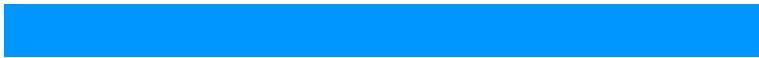
■ F1F1F5

■ FFFF5

# Harmonies

## Analogous

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



0096FF



7681F5



C766CF

# Triad

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



7681F5



DA6E2C



00A67F

# Complementary

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



7681F5



F5EA76

# 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.



1FA145



7681F5



B08600

# Square

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



7681F5



F05660



79970A



00A6BA

# Rectangle

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



7681F5



E456AC



79970A



00A56B



# Sweetspot

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



7681F5



D6DAFF



76F5E8



676980



000000



808080



# Same Dimension

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



7681F5



616FFF



A976F5



6E6F7A



0010BA



00053B



# Inverse Universe

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



F57681



FF616F



C2F576



7A6E6F



BA0010

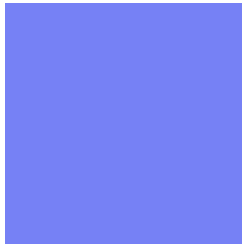


3B0005



# Previews

## White Background



This preview shows how the Hex color 7681F5 looks on a white background.

## Color Contrast Check

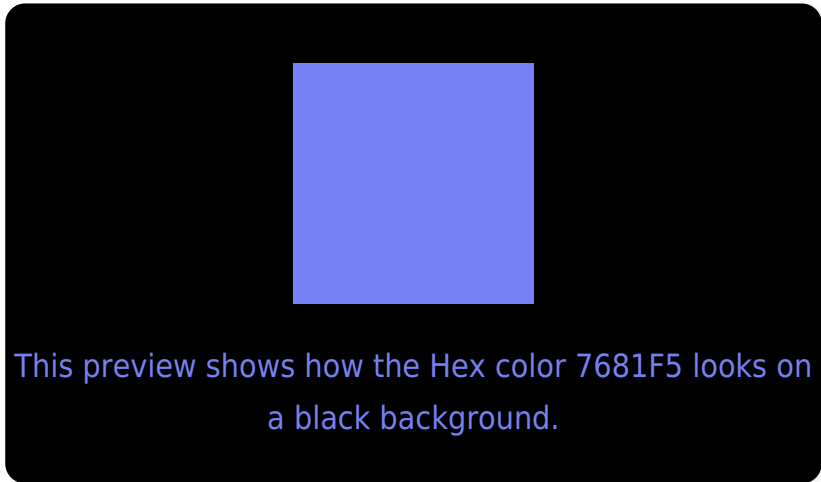
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

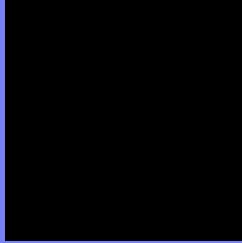
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7681F5 Background



This preview shows how black text looks on a background with the Hex color 7681F5.



This preview shows how white text looks on a background with the Hex color 7681F5.

# 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](#).

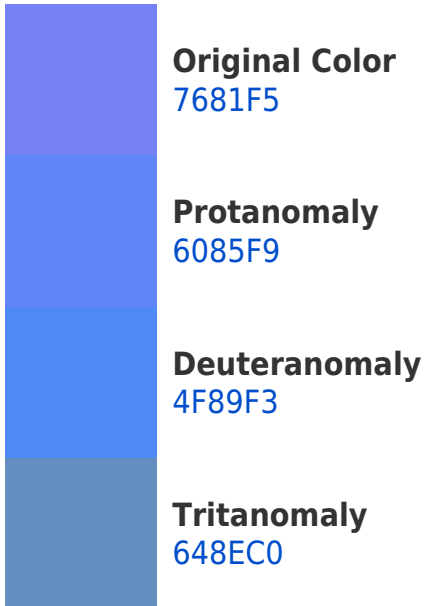
## Dichromacy





**Tritanopia**  
5A95A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7681F5 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 #7681F5 looks like.

```
.text, #text, p{  
    color:#7681F5  
}
```

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 #7681F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7681F5
}
```

## Border

The CSS property to change the border of an element to Hex 7681F5 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
#7681F5 }
```

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

```
.border{ border-color:#7681F5 }
```

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

Here you see how a box with a 4 pixel #7681F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7681F5; -webkit-box-shadow:4px 4px  
4px 4px #7681F5; box-shadow:4px 4px 4px  
4px #7681F5 }
```

# Background

The CSS property to change the background color of an element to Hex 7681F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7681F5 }
```

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

```
.background{ background-color:#7681F5 }
```

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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