

Converting Colors

Hex(7672E5)

Have a look what the booklet for
Hex(7672E5) contains.

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Color

Hex(7672E5)

Conversions

Conversions Part 1

Format	Color
Hex	7672E5
RGB	118, 114, 229
RGB Percent	46%, 45%, 90%
CMY	0.5373, 0.5529, 0.1020
CMYK	0.48, 0.50, 0.00, 0.10
HSL	242°, 69%, 67%
HSV	242°, 50%, 90%
XYZ	27.6314, 21.5433, 76.8307
YIQ	128.3060, -34.5310, 36.6130

Conversions

Conversions Part 2

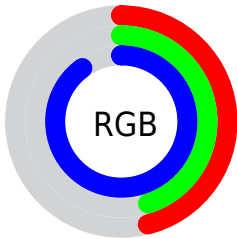
Format	Color
R _Y B	118, 114, 229
Decimal	7762661
CIE Lab	53.54, 31.49, -58.16
CIE LCh	54, 66.138, 298.432
Yxy	21.5433, 0.2193, 0.1710
Android (android.graphics.Color)	4285952741 (0xFF7672E5)
YUV	128.3060, 49.6421, -9.0384
Hunter-Lab	46.4148, 25.0377, -65.6528

Details

The Hex color **7672E5** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **E1E572**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B0A6FF**, and **3A42AD** is the 20% darker color. If you saturate the color by 10%, you get **605BE5**, and if you desaturate by 10%, it is **8C89E5**.

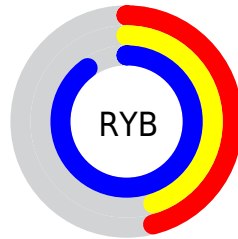
Distribution



Red (46%)

Green (45%)

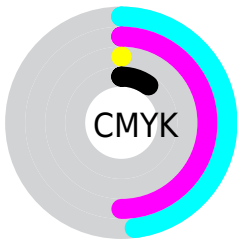
Blue (90%)



Red (46%)

Yellow (45%)

Blue (90%)

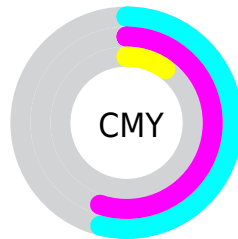


Cyan (48%)

Magenta (50%)

Yellow (0%)

Black (10%)



Cyan (54%)

Magenta (55%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7672E5 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 7672E5 by changing the saturation by 10% instead.

■ 7672E5

■ 7672E5

FFFFFF

■ 5959C9

■ B0A6FF

■ 3A42AD

■ CDC1FF

■ 102C92

■ EBDDFF

■ 001777

■ FFFAFF

■ 00015E

■ 000545

■ 00042E

■ 000118

■ 000000

 7672E5

 7672E5

 605BE5

 8C89E5

 4A44E5

 A2A0E5

 342DE5

 B8B7E5

 1E16E5

 CECEE5

 0800E5

 E5E5E5

 FBFBE5

 FFFFE5

Harmonies

Analogous

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



0088F3



7672E5



C156BD

Triad

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



7672E5



C76517



00997B

Complementary

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



7672E5



E1E572

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.



009540



7672E5



9C7C00

Square

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



7672E5



E14B4D



648C00



0099B5

Rectangle

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



7672E5



DA4698



648C00



009867

Sweetspot

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



7672E5



DAD9FF



72E1E5



696980



000000



808080

Same Dimension

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



7672E5



6B66FF



AF72E5



686773



0600B3



020033

Inverse Universe

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



E572E1



FF66FA



A8E572



736772



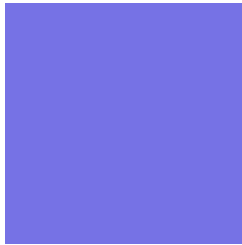
B300AC



330031

Previews

White Background



This preview shows how the Hex color 7672E5 looks on a white background.

Color Contrast Check

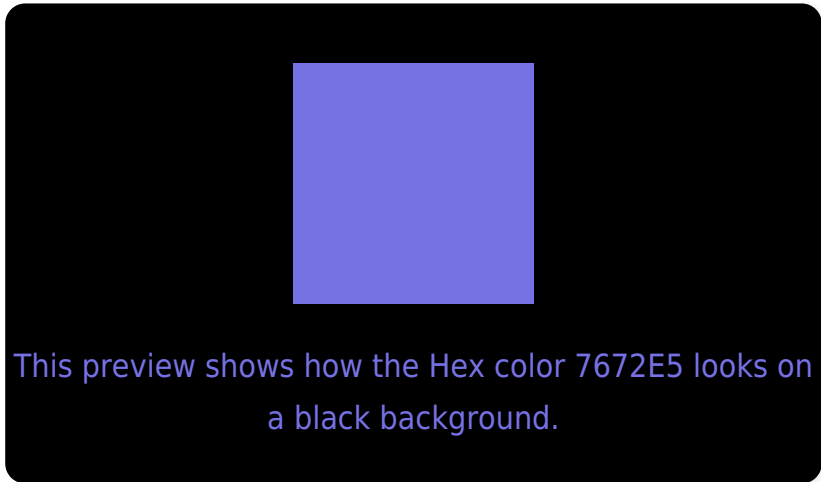
Large Text (above 18pt) WCAG AA ✓ Pass

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

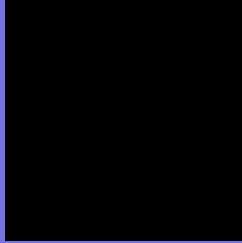
Any Text WCAG AA ✓ Pass

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 7672E5 Background



This preview shows how black text looks on a background with the Hex color 7672E5.




This preview shows how white text looks on a background with the Hex color 7672E5.

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](#).

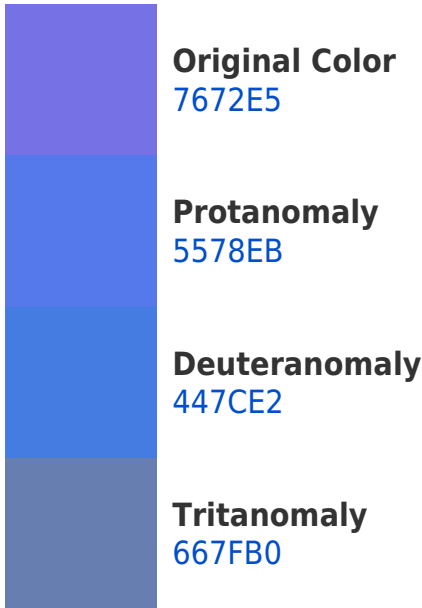
Dichromacy



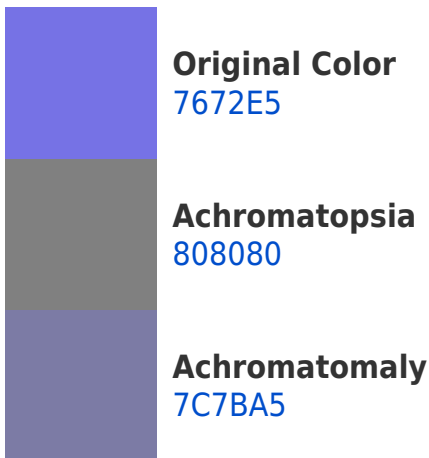


Tritanopia
5D8691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7672E5 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 #7672E5 looks like.

```
.text, #text, p{  
    color:#7672E5  
}
```

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 #7672E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7672E5
}
```

Border

The CSS property to change the border of an element to Hex 7672E5 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
#7672E5 }
```

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

```
.border{ border-color:#7672E5 }
```

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

Here you see how a box with a 4 pixel #7672E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7672E5; -webkit-box-shadow:4px 4px  
4px 4px #7672E5; box-shadow:4px 4px 4px  
4px #7672E5 }
```

Background

The CSS property to change the background color of an element to Hex 7672E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7672E5 }
```

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

```
.background{ background-color:#7672E5 }
```

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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