

Converting Colors

Hex(7715E7)

Have a look what the booklet for
Hex(7715E7) contains.

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Color

Hex(7715E7)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7715E7 |
| RGB | 119, 21, 231 |
| RGB Percent | 47%, 8%, 91% |
| CMY | 0.5333, 0.9176, 0.0941 |
| CMYK | 0.48, 0.91, 0.00, 0.09 |
| HSL | 268°, 83%, 49% |
| HSV | 268°, 91%, 91% |
| XYZ | 22.2997, 10.2278, 76.4001 |
| YIQ | 74.2420, -9.0020, 86.0860 |

Conversions

Conversions Part 2

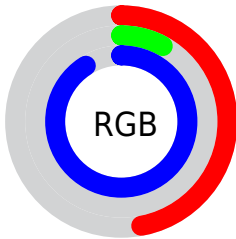
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 119, 21, 231 |
| Decimal | 7804391 |
| CIE _{Lab} | 38.25, 74.55, -84.19 |
| CIE _{LCh} | 38, 112.456, 311.526 |
| Yxy | 10.2278, 0.2047, 0.0939 |
| Android (android.graphics.Color) | 4285994471 (0xFF7715E7) |
| YUV | 74.2420, 77.2817, 39.2528 |
| Hunter-Lab | 31.9809, 68.4982, -119.2530 |

Details

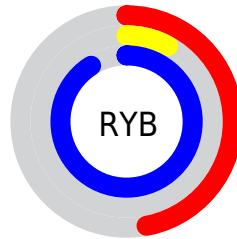
The Hex color **7715E7** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **85E715**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **B556FF**, and **3100AE** is the 20% darker color. If you saturate the color by 10%, you get **6C00E7**, and if you desaturate by 10%, it is **832CE7**.

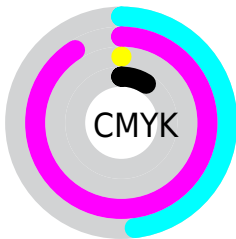
Distribution



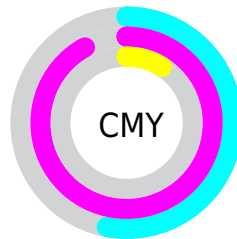
- Red (47%)
- Green (8%)
- Blue (91%)



- Red (47%)
- Yellow (8%)
- Blue (91%)



- Cyan (48%)
- Magenta (91%)
- Yellow (0%)
- Black (9%)



- Cyan (53%)
- Magenta (92%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7715E7 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 7715E7 by changing the saturation by 10% instead.

 7715E7

 7715E7


FFFFFF

 5700CA

 B556FF

 3100AE

 D472FF

 000092

 F38EFF

 000077

 FFABFF

 00005D


 FFC8FF

 000845

 FFE5FF

 00032D

 000118

 000000

■ 7715E7

■ 7715E7

■ 6C00E7

■ 832CE7

■ 9043E7

■ 9C5AE7

■ A871E7

■ B589E7

■ C1A0E7

■ CDB7E7

■ DACEE7

■ E6E5E7

Harmonies

Analogous

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



005FFF



7715E7



D60096

Triad

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



7715E7



9A3E00



00787D

Complementary

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



7715E7



85E715

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.



007516



7715E7



4E6200

Square

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



7715E7



D10000



007000



007AD5

Rectangle

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



7715E7



E9005B



007000



00775D

Sweetspot

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



7715E7



DABAFF



1585E7



6A5780



000000



808080

Same Dimension

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



7715E7



7700FF



E015E7



6D6773



5300B3



180033

Inverse Universe

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



E71585



FF0088



1CE715



73676D



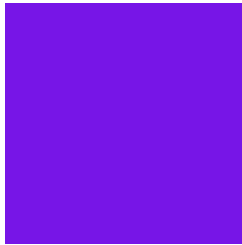
B3005F



33001B

Previews

White Background



This preview shows how the Hex color 7715E7 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

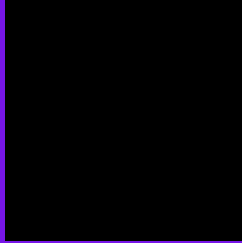
Any Text WCAG AA × Fail

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 7715E7 Background



This preview shows how black text looks on a background with the Hex color 7715E7.

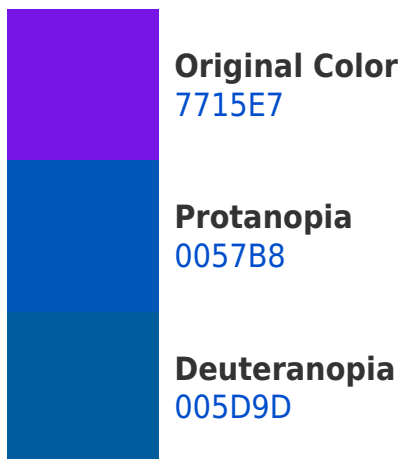


This preview shows how white text looks on a background with the Hex color 7715E7.

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
535B63

Trichromacy



Original Color

7715E7



Protanomaly

2B3FC9



Deuteranomaly

2B43B8



Tritanomaly

604293

Monochromacy



Original Color

7715E7



Achromatopsia

4A4A4A



Achromatomaly

5A3783

CSS Examples

Text

The CSS property to change the color of the text to Hex 7715E7 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 #7715E7 looks like.

```
.text, #text, p{  
    color:#7715E7  
}
```

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 #7715E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7715E7
}
```

Border

The CSS property to change the border of an element to Hex 7715E7 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".

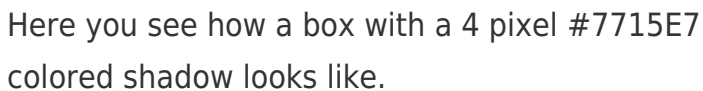
```
.border, #border, table{ border:4px solid
#7715E7 }
```

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

```
.border{ border-color:#7715E7 }
```

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

Here you see how a box with a 4 pixel #7715E7 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7715E7; -webkit-box-shadow:4px 4px  
4px 4px #7715E7; box-shadow:4px 4px 4px  
4px #7715E7 }
```

Background

The CSS property to change the background color of an element to Hex 7715E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7715E7 }
```

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

```
.background{ background-color:#7715E7 }
```

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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