

Converting Colors

Hex(755AD5)

Have a look what the booklet for
Hex(755AD5) contains.

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Color

Hex(755AD5)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 755AD5 |
| RGB | 117, 90, 213 |
| RGB Percent | 46%, 35%, 84% |
| CMY | 0.5412, 0.6471, 0.1647 |
| CMYK | 0.45, 0.58, 0.00, 0.16 |
| HSL | 253°, 59%, 59% |
| HSV | 253°, 58%, 84% |
| XYZ | 23.0025, 15.8983, 64.8071 |
| YIQ | 112.0950, -23.3910, 43.9770 |

Conversions

Conversions Part 2

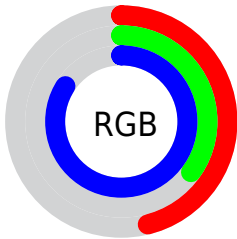
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 117, 90, 213 |
| Decimal | 7690965 |
| CIE Lab | 46.84, 40.72, -59.89 |
| CIE LCh | 47, 72.423, 304.215 |
| Yxy | 15.8983, 0.2218, 0.1533 |
| Android (android.graphics.Color) | 4285881045 (0xFF755AD5) |
| YUV | 112.0950, 49.7462, 4.3017 |
| Hunter-Lab | 39.8727, 33.1992, -68.4561 |

Details

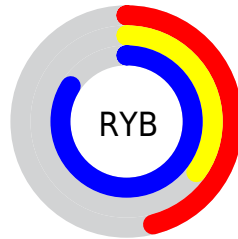
The Hex color **755AD5** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **BAD55A**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **AE8DFF**, and **3A2B9D** is the 20% darker color. If you saturate the color by 10%, you get **6445D5**, and if you desaturate by 10%, it is **866FD5**.

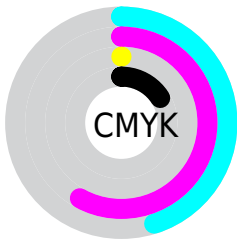
Distribution



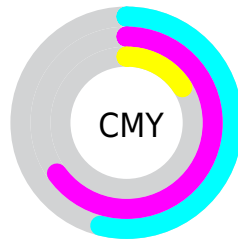
- Red (46%)
- Green (35%)
- Blue (84%)



- Red (46%)
- Yellow (35%)
- Blue (84%)



- Cyan (45%)
- Magenta (58%)
- Yellow (0%)
- Black (16%)



- Cyan (54%)
- Magenta (65%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 755AD5 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 755AD5 by changing the saturation by 10% instead.

755AD5

755AD5

FFFFFF

5842B9

AE8DFF

3A2B9D

CCA8FF

141483

E9C3FF

000069

FFDFFF

000050

FFFCFF

000538

000221

000007

000000

 755AD5

 755AD5

 6445D5

 866FD5

 542FD5

 9685D5

 431AD5

 A79AD5

 3305D5

 B7AFD5

 2F00D5

 C8C5D5

 D9DAD5

 E9EFD5

 FAFFD5

 FFFFD5

Harmonies

Analogous

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



0075EA



755AD5



BC34A5

Triad

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



755AD5



AF5700



008976

Complementary

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



755AD5



BAD55A

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.



008636



755AD5



7F7000

Square

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



755AD5



CF332E



3E7E00



0088B3

Rectangle

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



755AD5



D2197E



3E7E00



008861

Sweetspot

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



755AD5



DDD4FF



5ABAD5



6C6680



000000



808080

Same Dimension

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



755AD5



764FFF



B25AD5



63606B



2600AB



0A002B

Inverse Universe

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



D55ABA



FF4FD8



7DD55A



6B6069



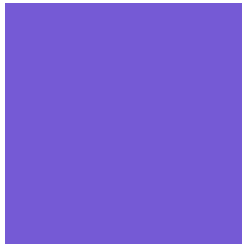
AB0085



2B0022

Previews

White Background



This preview shows how the Hex color 755AD5 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

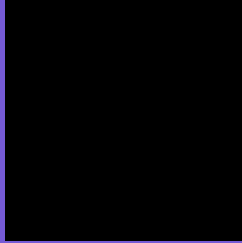
Any Text WCAG AA × Fail

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 755AD5 Background



This preview shows how black text looks on a background with the Hex color 755AD5.

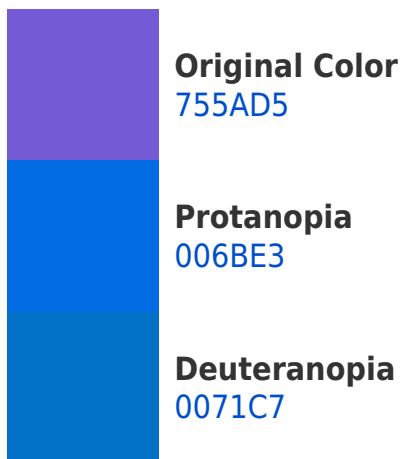


This preview shows how white text looks on a background with the Hex color 755AD5.

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](#).

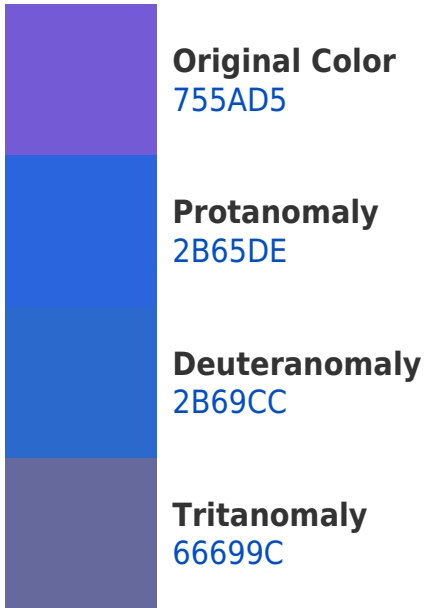
Dichromacy



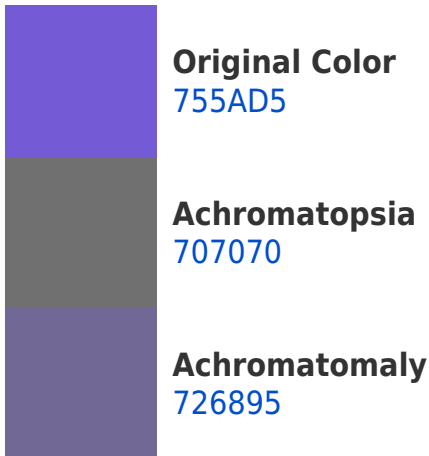


Tritanopia
5E727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 755AD5 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 #755AD5 looks like.

```
.text, #text, p{  
    color:#755AD5  
}
```

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 #755AD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755AD5
}
```

Border

The CSS property to change the border of an element to Hex 755AD5 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
#755AD5 }
```

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

```
.border{ border-color:#755AD5 }
```

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

Here you see how a box with a 4 pixel #755AD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755AD5; -webkit-box-shadow:4px 4px  
4px 4px #755AD5; box-shadow:4px 4px 4px  
4px #755AD5 }
```

Background

The CSS property to change the background color of an element to Hex 755AD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755AD5 }
```

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

```
.background{ background-color:#755AD5 }
```

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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