

Converting Colors

Hex(735AA5)

Have a look what the booklet for
Hex(735AA5) contains.

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Color

Hex(735AA5)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 735AA5 |
| RGB | 115, 90, 165 |
| RGB Percent | 45%, 35%, 65% |
| CMY | 0.5490, 0.6471, 0.3529 |
| CMYK | 0.30, 0.45, 0.00, 0.35 |
| HSL | 260°, 29%, 50% |
| HSV | 260°, 45%, 65% |
| XYZ | 17.5179, 13.6738, 37.3133 |
| YIQ | 106.0250, -9.1750, 28.6250 |

Conversions

Conversions Part 2

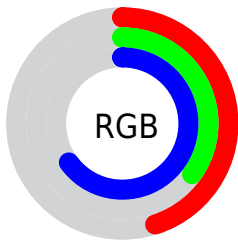
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 115, 90, 165 |
| Decimal | 7559845 |
| CIE Lab | 43.76, 26.95, -36.92 |
| CIE LCh | 44, 45.713, 306.130 |
| Yxy | 13.6738, 0.2557, 0.1996 |
| Android (android.graphics.Color) | 4285749925 (0xFF735AA5) |
| YUV | 106.0250, 29.0747, 7.8711 |
| Hunter-Lab | 36.9781, 19.8506, -33.9429 |

Details

The Hex color **735AA5** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **8CA55A**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **A98DDC**, and **402C71** is the 20% darker color. If you saturate the color by 10%, you get **684AA5**, and if you desaturate by 10%, it is **7E6AA5**.

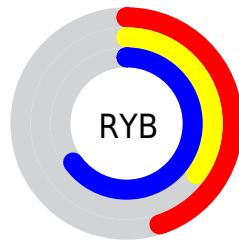
Distribution



Red (45%)

Green (35%)

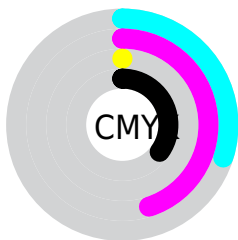
Blue (65%)



Red (45%)

Yellow (35%)

Blue (65%)

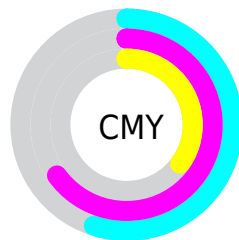


Cyan (30%)

Magenta (45%)

Yellow (0%)

Black (35%)



Cyan (55%)

Magenta (65%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 735AA5 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 735AA5 by changing the saturation by 10% instead.



735AA5



735AA5

FFFFFF



59428A



A98DDC



402C71



C5A7F9



261658



E1C2FF



0D0040



FEDEFF



000329



FFFBFF



000113



000000



735AA5



735AA5



684AA5



7E6AA5

5D39A5

897BA5

5229A5

948BA5

4718A5

9F9CA5

3C07A5

AAACA5

3700A5

B5BDA5

C0CEA5

CBDEA5

D6EEA5

Harmonies

Analogous

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



1E69B3



735AA5



9B4A87

Triad

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



735AA5



935A1F



007A6E

Complementary

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



735AA5



8CA55A

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.



007747



735AA5



746813

Square

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



735AA5



A84B3D



4C7225



007993

Rectangle

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



735AA5



A9446E



4C7225



007961

Sweetspot

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



735AA5



C2B8D6



5A8CA5



5F596B



EBEBEB



6B6B6B

Same Dimension

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



735AA5



8860D6



995AA5



4C4952



300091



060012

Inverse Universe

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



A55A8C



D660AF



66A55A



52494F



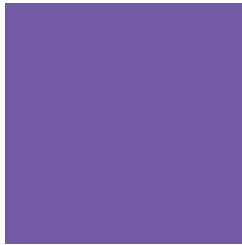
910061



12000C

Previews

White Background



This preview shows how the Hex color 735AA5 looks on a white background.

Color Contrast Check

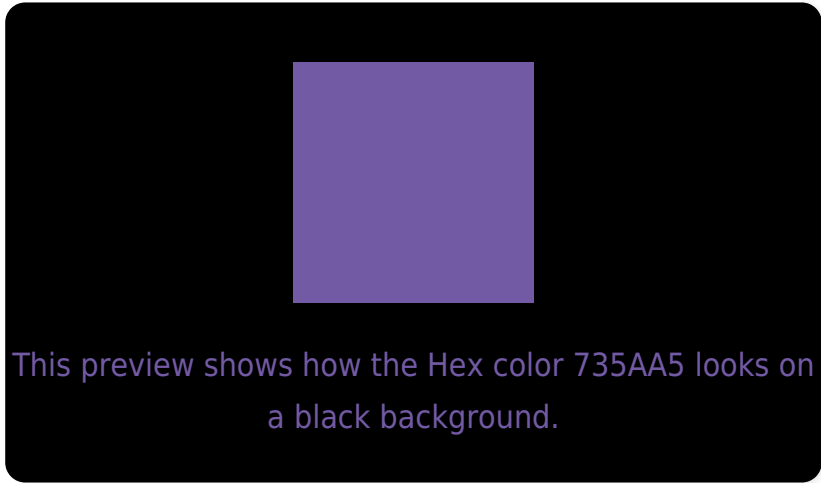
Large Text (above 18pt) WCAG AA ✓ Pass

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

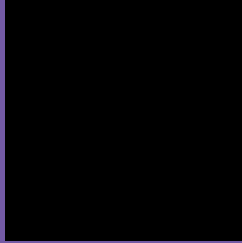
Any Text WCAG AA × Fail

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 735AA5 Background



This preview shows how black text looks on a background with the Hex color 735AA5.

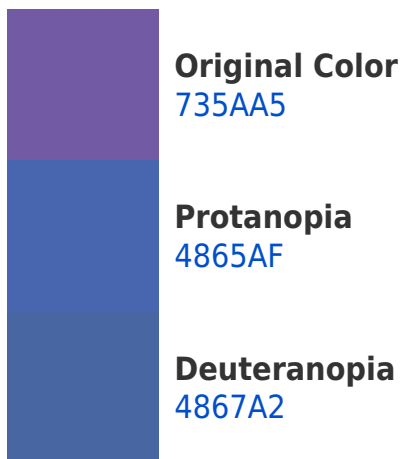



This preview shows how white text looks on a background with the Hex color 735AA5.

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
68666F

Trichromacy



Original Color
735AA5

Protanomaly
5861AB

Deuteranomaly
5862A3

Tritanomaly
6C6283

Monochromacy



Original Color
735AA5

Achromatopsia
6A6A6A

Achromatomaly
6D647F

CSS Examples

Text

The CSS property to change the color of the text to Hex 735AA5 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 #735AA5 looks like.

```
.text, #text, p{  
    color:#735AA5  
}
```

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 #735AA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #735AA5
}
```

Border

The CSS property to change the border of an element to Hex 735AA5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

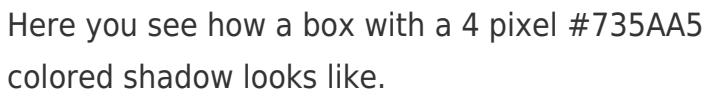
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#735AA5 }
```

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

```
.border{ border-color:#735AA5 }
```

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



Here you see how a box with a 4 pixel #735AA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #735AA5; -webkit-box-shadow:4px 4px  
4px 4px #735AA5; box-shadow:4px 4px 4px  
4px #735AA5 }
```

Background

The CSS property to change the background color of an element to Hex 735AA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#735AA5 }
```

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

```
.background{ background-color:#735AA5 }
```

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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