

Converting Colors

Hex(755DB7)

Have a look what the booklet for
Hex(755DB7) contains.

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Color

Hex(755DB7)

Conversions

Conversions Part 1

Format	Color
Hex	755DB7
RGB	117, 93, 183
RGB Percent	46%, 36%, 72%
CMY	0.5412, 0.6353, 0.2824
CMYK	0.36, 0.49, 0.00, 0.28
HSL	256°, 38%, 54%
HSV	256°, 49%, 72%
XYZ	19.7977, 15.0295, 46.6573
YIQ	110.4360, -14.5860, 33.0780

Conversions

Conversions Part 2

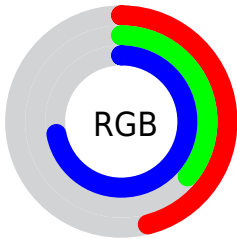
Format	Color
R_{YB}	117, 93, 183
Decimal	7691703
CIE _{Lab}	45.67, 30.55, -44.45
CIE _{LCh}	46, 53.934, 304.503
Yxy	15.0295, 0.2430, 0.1844
Android (android.graphics.Color)	4285881783 (0xFF755DB7)
YUV	110.4360, 35.7741, 5.7566
Hunter-Lab	38.7679, 23.3112, -44.2181

Details

The Hex color **755DB7** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **9FB75D**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **AC90F0**, and **402E81** is the 20% darker color. If you saturate the color by 10%, you get **684BB7**, and if you desaturate by 10%, it is **826FB7**.

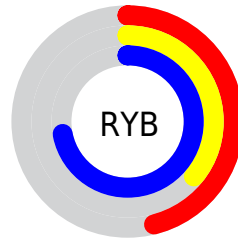
Distribution



Red (46%)

Green (36%)

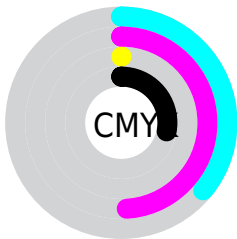
Blue (72%)



Red (46%)

Yellow (36%)

Blue (72%)

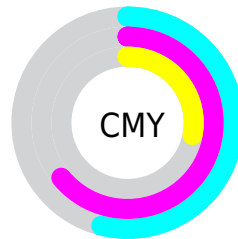


Cyan (36%)

Magenta (49%)

Yellow (0%)

Black (28%)



Cyan (54%)

Magenta (64%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 755DB7 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 755DB7 by changing the saturation by 10% instead.

 755DB7

 755DB7

FFFFFF

 5A459C


 AC90F0

 402E81

 C8AAFF

 241868

 E5C6FF

 00034F

 FFE2FF

 000038

 000221

 000006

 000000

 755DB7

 755DB7

684BB7

826FB7

5A38B7

9082B7

4D26B7

9D94B7

3F14B7

ABA6B7

3202B7

B8B9B7

3100B7

C6CBB7

D3DDB7

E0EFB7

EEFFB7

Harmonies

Analogous

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



006FC7



755DB7



A74894

Triad

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



755DB7



A05B14



008172

Complementary

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



75DB7



9FB75D

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.



007E43



755DB7



7C6C00

Square

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



755DB7



B7483C



4D7818



00809E

Rectangle

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



755DB7



B83F76



4D7818



008062

Sweetspot

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



755DB7



D3CAED



5D9FB7



686278



F7F7F7



787878

Same Dimension

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



755DB7



8761ED



A25DB7



55535C



29009C



07001C

Inverse Universe

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



B75D9F



ED61C8



72B75D



5C5359



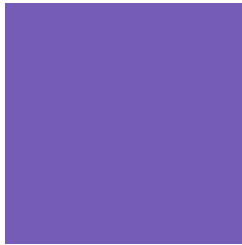
9C0072



1C0015

Previews

White Background



This preview shows how the Hex color 755DB7 looks on a white background.

Color Contrast Check

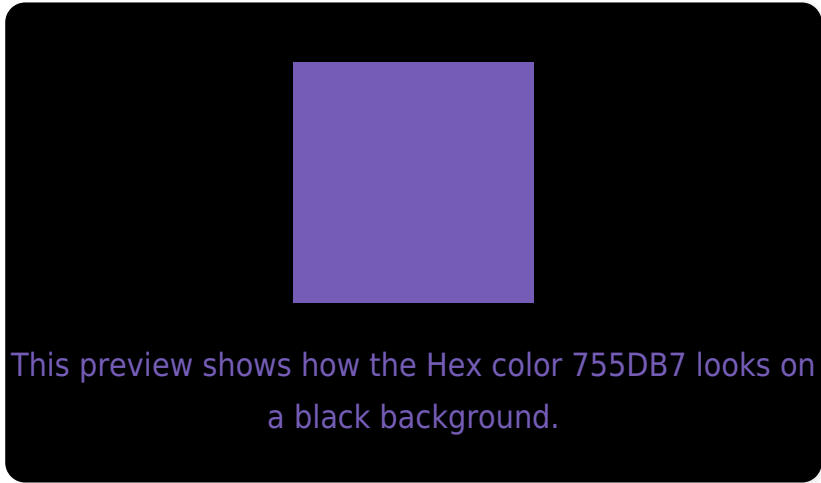
Large Text (above 18pt) WCAG AA ✓ Pass

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

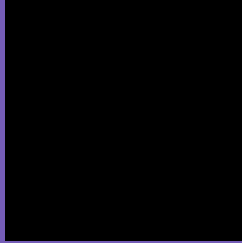
Any Text WCAG AA × Fail

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 755DB7 Background



This preview shows how black text looks on a background with the Hex color 755DB7.

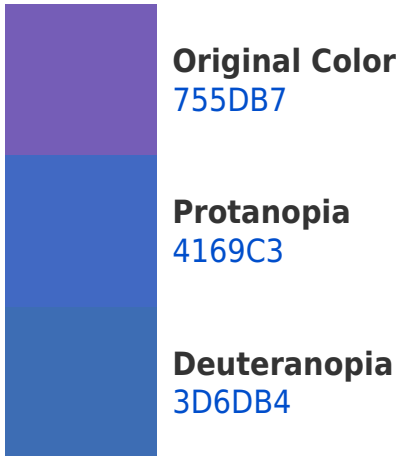



This preview shows how white text looks on a background with the Hex color 755DB7.

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
676D75

Trichromacy



Original Color
755DB7

Protanomaly
5465BF

Deuteranomaly
5167B5

Tritanomaly
6C678D

Monochromacy



Original Color
755DB7

Achromatopsia
6E6E6E

Achromatomaly
716889

CSS Examples

Text

The CSS property to change the color of the text to Hex 755DB7 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 #755DB7 looks like.

```
.text, #text, p{  
    color:#755DB7  
}
```

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 #755DB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755DB7
}
```

Border

The CSS property to change the border of an element to Hex 755DB7 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".

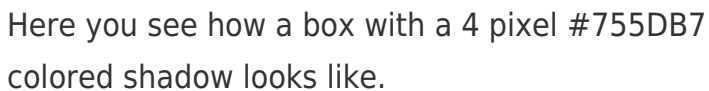
```
.border, #border, table{ border:4px solid
#755DB7 }
```

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

```
.border{ border-color:#755DB7 }
```

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

Here you see how a box with a 4 pixel #755DB7 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755DB7; -webkit-box-shadow:4px 4px  
4px 4px #755DB7; box-shadow:4px 4px 4px  
4px #755DB7 }
```

Background

The CSS property to change the background color of an element to Hex 755DB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755DB7 }
```

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

```
.background{ background-color:#755DB7 }
```

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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