

Converting Colors

Hex(756DC2)

Have a look what the booklet for
Hex(756DC2) contains.

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Color

Hex(756DC2)

Conversions

Conversions Part 1

Format	Color
Hex	756DC2
RGB	117, 109, 194
RGB Percent	46%, 43%, 76%
CMY	0.5412, 0.5725, 0.2392
CMYK	0.40, 0.44, 0.00, 0.24
HSL	246°, 41%, 59%
HSV	246°, 44%, 76%
XYZ	22.5424, 18.6142, 53.4437
YIQ	121.0820, -22.5170, 28.1310

Conversions

Conversions Part 2

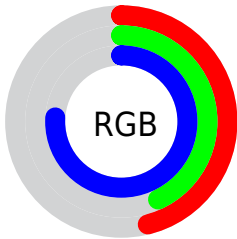
Format	Color
R_{YB}	117, 109, 194
Decimal	7695810
CIE _{Lab}	50.23, 24.01, -43.57
CIE _{LCh}	50, 49.748, 298.859
Yxy	18.6142, 0.2383, 0.1968
Android (android.graphics.Color)	4285885890 (0xFF756DC2)
YUV	121.0820, 35.9486, -3.5799
Hunter-Lab	43.1442, 17.7619, -43.2429

Details

The Hex color **756DC2** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **BAC26D**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **ACA1FB**, and **3F3D8C** is the 20% darker color. If you saturate the color by 10%, you get **635AC2**, and if you desaturate by 10%, it is **8780C2**.

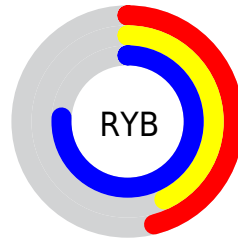
Distribution



Red (46%)

Green (43%)

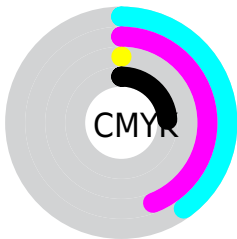
Blue (76%)



Red (46%)

Yellow (43%)

Blue (76%)

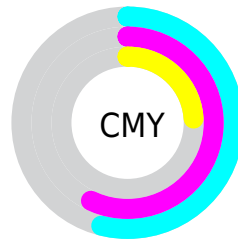


Cyan (40%)

Magenta (44%)

Yellow (0%)

Black (24%)



Cyan (54%)

Magenta (57%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 756DC2 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 756DC2 by changing the saturation by 10% instead.

 756DC2

 756DC2

FFFFFF

 5A55A7

 ACA1FB

 3F3D8C

 C8BCFF

 222872

 E5D7FF

 001359

 FFF4FF

 000041

 00032A

 000114

 000000

 756DC2

 756DC2

635AC2

8780C2

5246C2

9894C2

4033C2

AAA7C2

2F1FC2

BBB8C2

1D0CC2

CDCEC2

1200C2

DEE1C2

F0F5C2

FFFFC2

Harmonies

Analogous

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



007DCC



756DC2



A95BA4

Triad

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



756DC2



B0652E



008C75

Complementary

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



756DC2



BAC26D

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.



27884A



756DC2



8F751A

Square

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



756DC2



C25551



658127



008B9F

Rectangle

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



756DC2



BC5289



658127



008B66

Sweetspot

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



756DC2



DFDCFC



6DBBC2



6D6B80



000000



808080

Same Dimension

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



756DC2



8377FC



9F6DC2



585761



0F00A1



030021

Inverse Universe

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



C26DBA



FC77F0



90C26D



615760



A10092



21001E

Previews

White Background



This preview shows how the Hex color 756DC2 looks on a white background.

Color Contrast Check

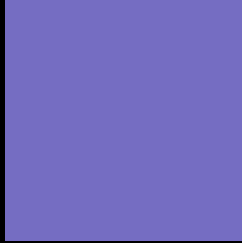
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 756DC2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

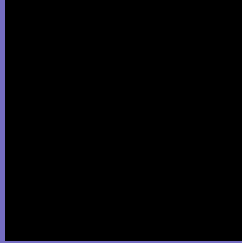
Any Text WCAG AA ✓ Pass

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 756DC2 Background



This preview shows how black text looks on a background with the Hex color 756DC2.

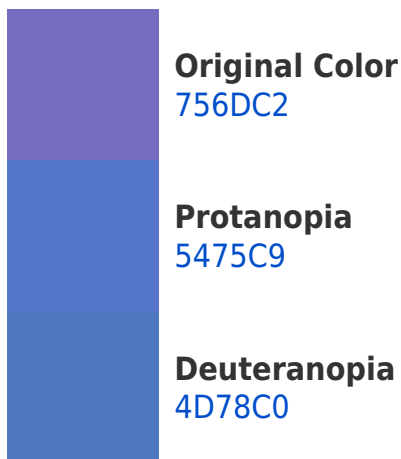


This preview shows how white text looks on a background with the Hex color 756DC2.

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](#).

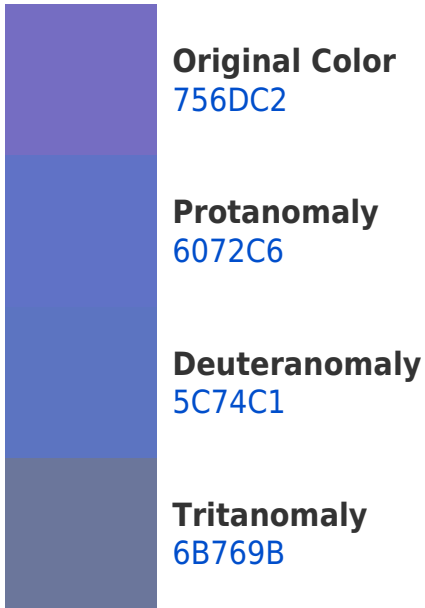
Dichromacy





Tritanopia
667B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 756DC2 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 #756DC2 looks like.

```
.text, #text, p{  
    color:#756DC2  
}
```

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 #756DC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #756DC2
}
```

Border

The CSS property to change the border of an element to Hex 756DC2 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
#756DC2 }
```

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

```
.border{ border-color:#756DC2 }
```

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

Here you see how a box with a 4 pixel #756DC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #756DC2; -webkit-box-shadow:4px 4px  
4px 4px #756DC2; box-shadow:4px 4px 4px  
4px #756DC2 }
```

Background

The CSS property to change the background color of an element to Hex 756DC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#756DC2 }
```

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

```
.background{ background-color:#756DC2 }
```

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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