

Converting Colors

Hex(756EB7)

Have a look what the booklet for
Hex(756EB7) contains.

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Color

Hex(756EB7)

Conversions

Conversions Part 1

Format	Color
Hex	756EB7
RGB	117, 110, 183
RGB Percent	46%, 43%, 72%
CMY	0.5412, 0.5686, 0.2824
CMYK	0.36, 0.40, 0.00, 0.28
HSL	246°, 34%, 57%
HSV	246°, 40%, 72%
XYZ	21.4593, 18.3527, 47.2111
YIQ	120.4150, -19.2610, 24.1870

Conversions

Conversions Part 2

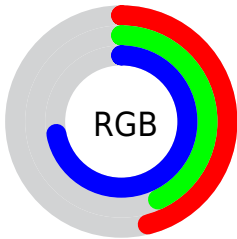
Format	Color
R_{YB}	117, 110, 183
Decimal	7696055
CIE _{Lab}	49.92, 20.32, -37.72
CIE _{LCh}	50, 42.843, 298.308
Yxy	18.3527, 0.2466, 0.2109
Android (android.graphics.Color)	4285886135 (0xFF756EB7)
YUV	120.4150, 30.8544, -2.9950
Hunter-Lab	42.8400, 14.4437, -35.3516

Details

The Hex color **756EB7** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B0B76E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **ABA2EF**, and **413E82** is the 20% darker color. If you saturate the color by 10%, you get **645CB7**, and if you desaturate by 10%, it is **8680B7**.

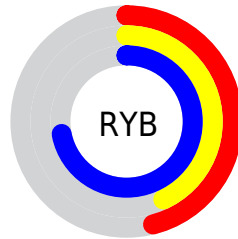
Distribution



Red (46%)

Green (43%)

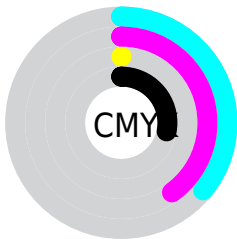
Blue (72%)



Red (46%)

Yellow (43%)

Blue (72%)

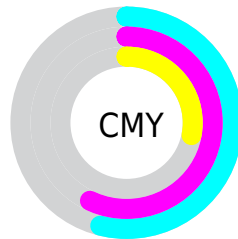


Cyan (36%)

Magenta (40%)

Yellow (0%)

Black (28%)



Cyan (54%)

Magenta (57%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 756EB7 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 756EB7 by changing the saturation by 10% instead.

■ 756EB7

■ 756EB7

FFFFFF

■ 5B569C

■ ABA2EF

■ 413E82

■ C7BDFF

■ 262968

■ E4D8FF

■ 051450

■ FFF5FF

■ 000038

■ 000222

■ 000008

■ 000000

■ 756EB7

■ 756EB7

645CB7

8680B7

5449B7

9693B7

4337B7

A7A5B7

3325B7

B7B7B7

2213B7

C8CAB7

1200B7

D8DCB7

E9EEB7

F9FFB7

FFFFB7

Harmonies

Analogous

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



227BBF



756EB7



A1609E

Triad

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



756EB7



A96739



008973

Complementary

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



756EB7



B0B76E

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.



39864F



756EB7



8D742A

Square

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



756EB7



B95A56



697F33



008898

Rectangle

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



756EB7



B35987



697F33



008867

Sweetspot

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



756EB7



D3D1ED



6EB1B7



696778



F7F7F7



787878

Same Dimension

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



756EB7



867BED



996EB7



54535C



0F009C



03001C

Inverse Universe

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



B76EB0



ED7BE2



8CB76E



5C535B



9C008D



1C0019

Previews

White Background



This preview shows how the Hex color 756EB7 looks on a white background.

Color Contrast Check

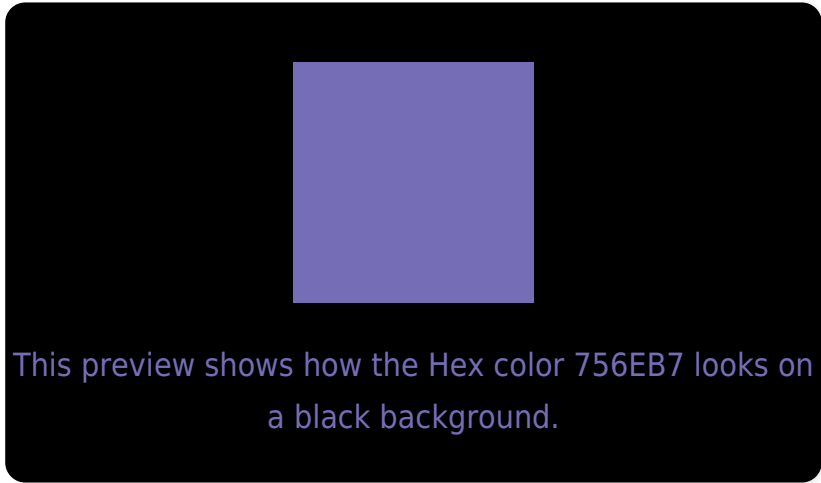
Large Text (above 18pt) WCAG AA ✓ Pass

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

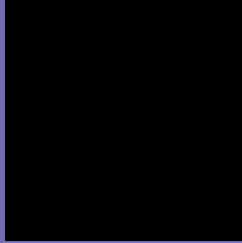
Any Text WCAG AA ✓ Pass

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 756EB7 Background



This preview shows how black text looks on a background with the Hex color 756EB7.



This preview shows how white text looks on a background with the Hex color 756EB7.

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
697983

Trichromacy



Original Color
756EB7

Protanomaly
6472BB

Deuteranomaly
6373B6

Tritanomaly
6D7596

Monochromacy



Original Color
756EB7

Achromatopsia
787878

Achromatomaly
77748F

CSS Examples

Text

The CSS property to change the color of the text to Hex 756EB7 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 #756EB7 looks like.

```
.text, #text, p{  
    color:#756EB7  
}
```

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 #756EB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #756EB7
}
```

Border

The CSS property to change the border of an element to Hex 756EB7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

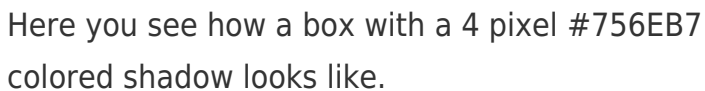
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#756EB7 }
```

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

```
.border{ border-color:#756EB7 }
```

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



Here you see how a box with a 4 pixel #756EB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #756EB7; -webkit-box-shadow:4px 4px  
4px 4px #756EB7; box-shadow:4px 4px 4px  
4px #756EB7 }
```

Background

The CSS property to change the background color of an element to Hex 756EB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#756EB7 }
```

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

```
.background{ background-color:#756EB7 }
```

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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