

Converting Colors

Hex(756EB1)

Have a look what the booklet for
Hex(756EB1) contains.

Hex(756EB1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(756EB1)

Conversions

Conversions Part 1

Format	Color
Hex	756EB1
RGB	117, 110, 177
RGB Percent	46%, 43%, 69%
CMY	0.5412, 0.5686, 0.3059
CMYK	0.34, 0.38, 0.00, 0.31
HSL	246°, 30%, 56%
HSV	246°, 38%, 69%
XYZ	20.8479, 18.1081, 43.9914
YIQ	119.7310, -17.3350, 22.3210

Conversions

Conversions Part 2

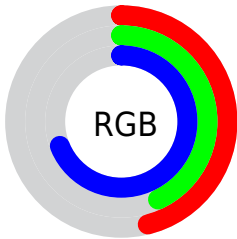
Format	Color
R_{YB}	117, 110, 177
Decimal	7696049
CIE _{Lab}	49.63, 18.66, -34.70
CIE _{LCh}	50, 39.405, 298.273
Yxy	18.1081, 0.2513, 0.2183
Android (android.graphics.Color)	4285886129 (0xFF756EB1)
YUV	119.7310, 28.2336, -2.3951
Hunter-Lab	42.5536, 12.9819, -31.5057

Details

The Hex color **756EB1** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AAB16E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **ABA2E9**, and **413E7C** is the 20% darker color. If you saturate the color by 10%, you get **655CB1**, and if you desaturate by 10%, it is **8580B1**.

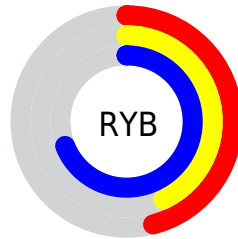
Distribution



Red (46%)

Green (43%)

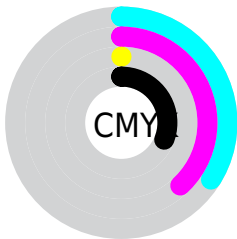
Blue (69%)



Red (46%)

Yellow (43%)

Blue (69%)

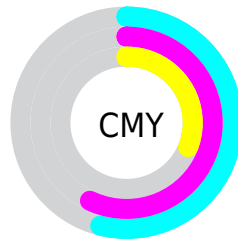


Cyan (34%)

Magenta (38%)

Yellow (0%)

Black (31%)



Cyan (54%)

Magenta (57%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 756EB1 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 756EB1 by changing the saturation by 10% instead.

■ 756EB1

■ 756EB1

FFFFFF

■ 5B5696

■ ABA2E9

■ 413E7C

■ C7BDFF

■ 282963

■ E3D8FF

■ 0A144A

■ FFF5FF

■ 000034

■ 00021D

■ 000000

■ 756EB1

■ 756EB1

■ 655CB1

■ 8580B1

■ 554BB1

■ 9591B1

■ 4539B1

■ A5A3B1

■ 3627B1

■ B4B5B1

■ 2616B1

■ C4C7B1

■ 1604B1

■ D4D8B1

■ 1200B1

■ E4EAB1

■ F4FCB1

■ FFFB1

Harmonies

Analogous

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



327AB9



756EB1



9D619A

Triad

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



756EB1



A5673E



008773

Complementary

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



756EB1



AAB16E

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.



3F8451



756EB1



8B7431

Square

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



756EB1



B45D58



6A7D39



008695

Rectangle

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



756EB1



AD5B85



6A7D39



078667

Sweetspot

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



756EB1



CFCCE6



6EAAB1



656473



F2F2F2



737373

Same Dimension

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



756EB1



897EE6



966EB1



515059



100099



03001A

Inverse Universe

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



B16EAA



E67EDB



89B16E



595058



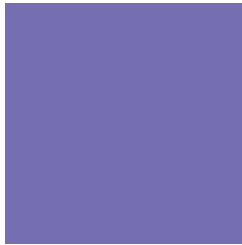
990089



1A0017

Previews

White Background



This preview shows how the Hex color 756EB1 looks on a white background.

Color Contrast Check

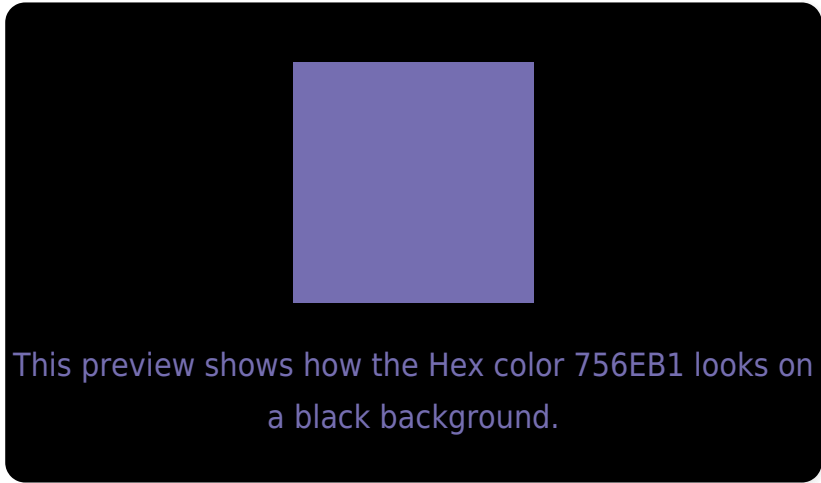
Large Text (above 18pt) WCAG AA ✓ Pass

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

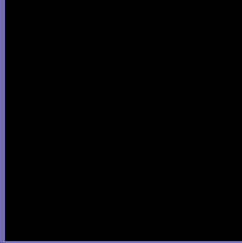
Any Text WCAG AA ✓ Pass

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 756EB1 Background



This preview shows how black text looks on a background with the Hex color 756EB1.

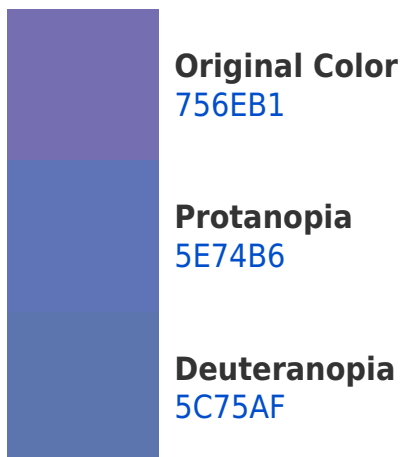


This preview shows how white text looks on a background with the Hex color 756EB1.

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](#).

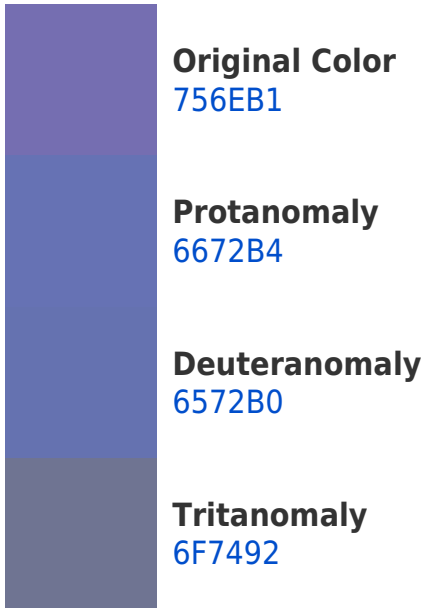
Dichromacy





Tritanopia
6B7881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 756EB1 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 #756EB1 looks like.

```
.text, #text, p{  
    color:#756EB1  
}
```

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 #756EB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #756EB1
}
```

Border

The CSS property to change the border of an element to Hex 756EB1 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
#756EB1 }
```

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

```
.border{ border-color:#756EB1 }
```

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

Here you see how a box with a 4 pixel #756EB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #756EB1; -webkit-box-shadow:4px 4px  
4px 4px #756EB1; box-shadow:4px 4px 4px  
4px #756EB1 }
```

Background

The CSS property to change the background color of an element to Hex 756EB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#756EB1 }
```

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

```
.background{ background-color:#756EB1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor