

Converting Colors

Hex(755BA1)

Have a look what the booklet for
Hex(755BA1) contains.

Hex(755BA1)	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(755BA1)

Conversions

Conversions Part 1

Format	Color
Hex	755BA1
RGB	117, 91, 161
RGB Percent	46%, 36%, 63%
CMY	0.5412, 0.6431, 0.3686
CMYK	0.27, 0.43, 0.00, 0.37
HSL	262°, 28%, 49%
HSV	262°, 43%, 63%
XYZ	17.5102, 13.8373, 35.4662
YIQ	106.7540, -6.9740, 27.2820

Conversions

Conversions Part 2

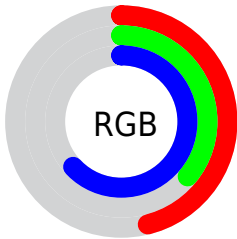
Format	Color
R_{YB}	117, 91, 161
Decimal	7691169
CIE _{Lab}	44.00, 25.89, -34.16
CIE _{LCh}	44, 42.864, 307.154
Yxy	13.8373, 0.2621, 0.2071
Android (android.graphics.Color)	4285881249 (0xFF755BA1)
YUV	106.7540, 26.7433, 8.9857
Hunter-Lab	37.1985, 18.9268, -30.4899

Details

The Hex color **755BA1** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **87A15B**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **AB8ED8**, and **422C6D** is the 20% darker color. If you saturate the color by 10%, you get **6B4BA1**, and if you desaturate by 10%, it is **7F6BA1**.

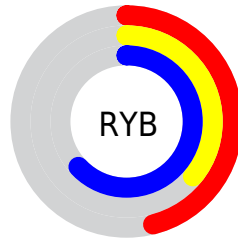
Distribution



Red (46%)

Green (36%)

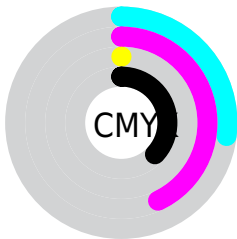
Blue (63%)



Red (46%)

Yellow (36%)

Blue (63%)

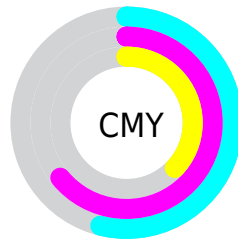


Cyan (27%)

Magenta (43%)

Yellow (0%)

Black (37%)



Cyan (54%)

Magenta (64%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 755BA1 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 755BA1 by changing the saturation by 10% instead.

■ 755BA1

■ 755BA1

FFFFFF

■ 5B4387

■ AB8ED8

■ 422C6D

■ C6A8F5

■ 291754

■ E3C3FF

■ 12003D

■ FFE0FF

■ 000326

■ FFFCFF

■ 00010F

■ 000000

■ 755BA1

■ 755BA1

■ 6B4BA1

■ 7F6BA1

613BA1

897BA1

572BA1

938BA1

4D1BA1

9D9BA1

420AA1

A8ACA1

3C00A1

B2BCA1

BCCCA1

C6DCA1

D0ECA1

Harmonies

Analogous

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



3069AF



755BA1



9A4D84

Triad

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



755BA1



915C25



007970

Complementary

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



755BA1



87A15B

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.



07774B



755BA1



73691B

Square

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



755BA1



A54F3F



4E722C



007892

Rectangle

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



755BA1



A6486D



4E722C



007963

Sweetspot

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



755BA1



C0B6D1



5B87A1



5E5869



E8E8E8



696969

Same Dimension

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



755BA1



8D64D1



985BA1



4C4952



360091



070012

Inverse Universe

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



A15B87



D164A9



64A15B



52494F



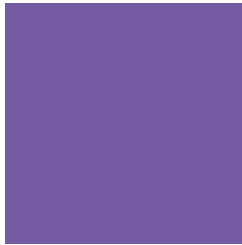
91005B



12000B

Previews

White Background



This preview shows how the Hex color 755BA1 looks on a white background.

Color Contrast Check

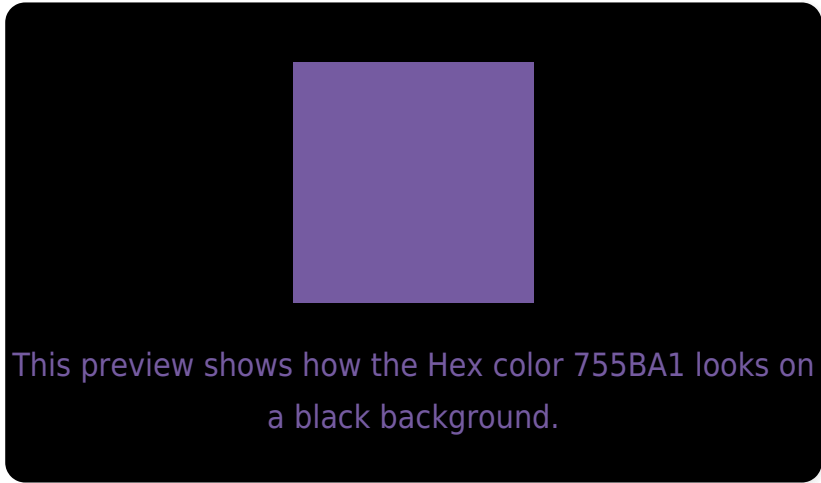
Large Text (above 18pt) WCAG AA ✓ Pass

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 755BA1 Background



This preview shows how black text looks on a background with the Hex color 755BA1.

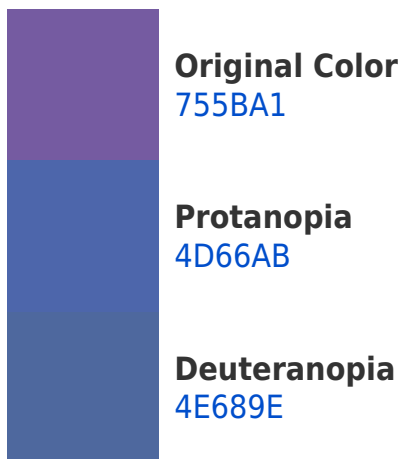



This preview shows how white text looks on a background with the Hex color 755BA1.

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](#).

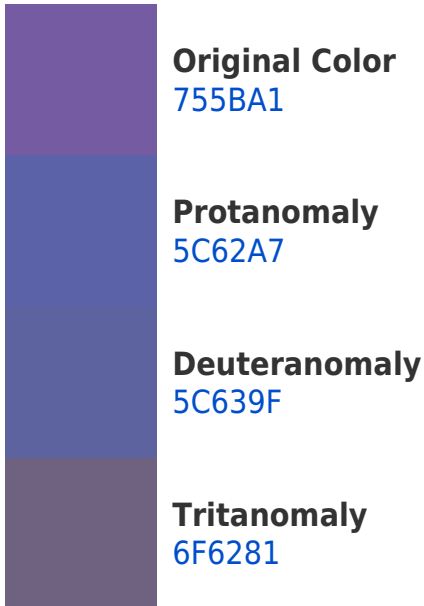
Dichromacy



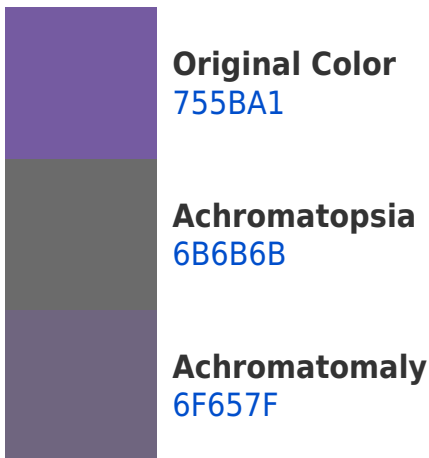


Tritanopia
6B666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 755BA1 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 #755BA1 looks like.

```
.text, #text, p{  
    color:#755BA1  
}
```

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 #755BA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755BA1
}
```

Border

The CSS property to change the border of an element to Hex 755BA1 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
#755BA1 }
```

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

```
.border{ border-color:#755BA1 }
```

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

Here you see how a box with a 4 pixel #755BA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755BA1; -webkit-box-shadow:4px 4px  
4px 4px #755BA1; box-shadow:4px 4px 4px  
4px #755BA1 }
```

Background

The CSS property to change the background color of an element to Hex 755BA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755BA1 }
```

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

```
.background{ background-color:#755BA1 }
```

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