

Converting Colors

Hex(754AA3)

Have a look what the booklet for
Hex(754AA3) contains.

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Color

Hex(754AA3)

Conversions

Conversions Part 1

Format	Color
Hex	754AA3
RGB	117, 74, 163
RGB Percent	46%, 29%, 64%
CMY	0.5412, 0.7098, 0.3608
CMYK	0.28, 0.55, 0.00, 0.36
HSL	269°, 38%, 46%
HSV	269°, 55%, 64%
XYZ	16.3958, 11.3238, 35.9719
YIQ	97.0030, -2.9410, 36.7950

Conversions

Conversions Part 2

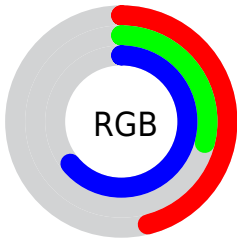
Format	Color
R _Y B	117, 74, 163
Decimal	7686819
CIE Lab	40.12, 36.44, -41.50
CIE LCh	40, 55.226, 311.282
Yxy	11.3238, 0.2574, 0.1778
Android (android.graphics.Color)	4285876899 (0xFF754AA3)
YUV	97.0030, 32.5365, 17.5374
Hunter-Lab	33.6509, 28.0818, -39.8238

Details

The Hex color **754AA3** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **78A34A**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **AB7CDA**, and **411B6F** is the 20% darker color. If you saturate the color by 10%, you get **6D3AA3**, and if you desaturate by 10%, it is **7D5AA3**.

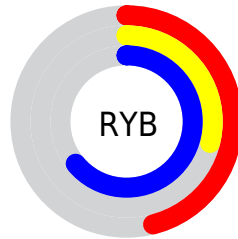
Distribution



Red (46%)

Green (29%)

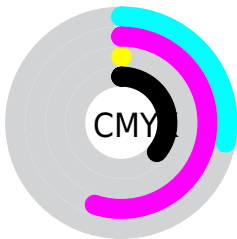
Blue (64%)



Red (46%)

Yellow (29%)

Blue (64%)

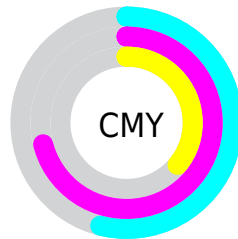


Cyan (28%)

Magenta (55%)

Yellow (0%)

Black (36%)



Cyan (54%)

Magenta (71%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 754AA3 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 754AA3 by changing the saturation by 10% instead.

754AA3

754AA3

FFFFFF

5B3288

AB7CDA

411B6F

C897F7

270256

E4B2FF

13003E

FFCDDF

000327

FFEAFF

000110

000000

754AA3

754AA3

6D3AA3

7D5AA3

6429A3

866BA3

5C19A3

8E7BA3

5309A3

978BA3

4F00A3

9F9BA3

A8ACA3

B0BCA3

B8CCA3

C1DDA3

Harmonies

Analogous

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



005EB8



754AA3



A0337D

Triad

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



754AA3



895200



00736F

Complementary

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



754AA3



78A34A

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.



007140



754AA3



636200

Square

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



754AA3



A43D25



2F6C0F



007199

Rectangle

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



754AA3



AC2B5F



2F6C0F



00725F

Sweetspot

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



754AA3



C2B2D4



4A79A3



61576B



EBEBEB



6B6B6B

Same Dimension

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



754AA3



8B48D4



A04AA3



4D4952



460091



090012

Inverse Universe

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



A34A78



D44890



4DA34A



52494E



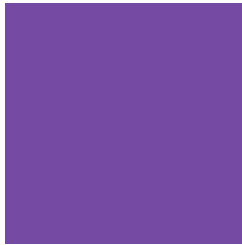
91004B



120009

Previews

White Background



This preview shows how the Hex color 754AA3 looks on a white background.

Color Contrast Check

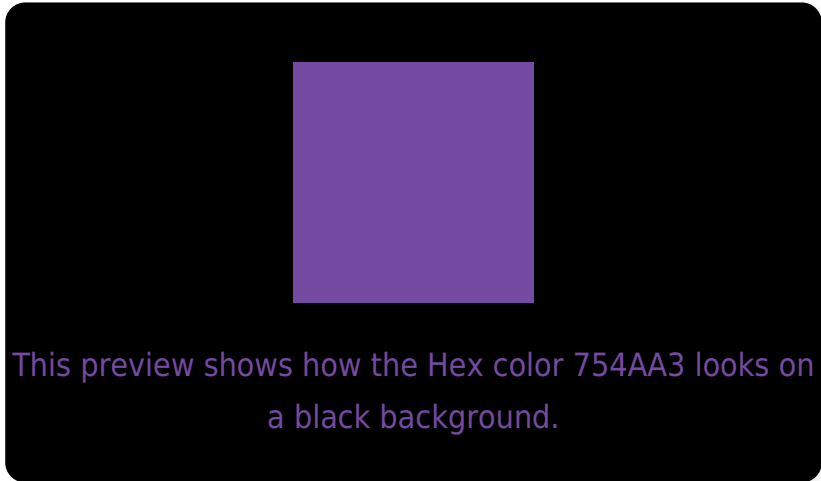
Large Text (above 18pt) WCAG AA ✓ Pass

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 754AA3 Background



This preview shows how black text looks on a background with the Hex color 754AA3.

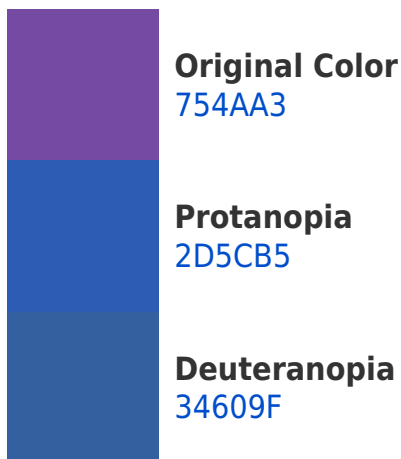


This preview shows how white text looks on a background with the Hex color 754AA3.

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](#).

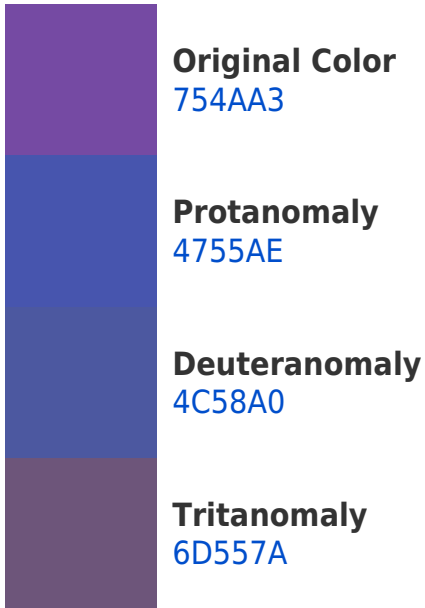
Dichromacy



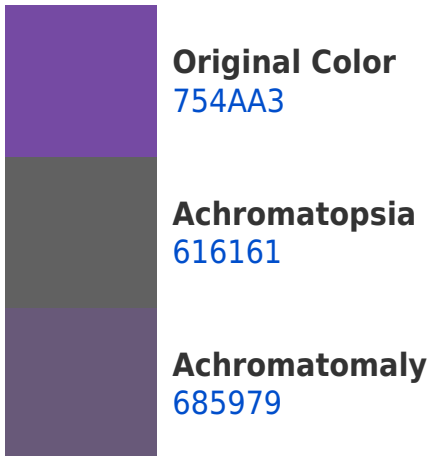


Tritanopia
695B62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 754AA3 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 #754AA3 looks like.

```
.text, #text, p{  
    color:#754AA3  
}
```

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 #754AA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #754AA3
}
```

Border

The CSS property to change the border of an element to Hex 754AA3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

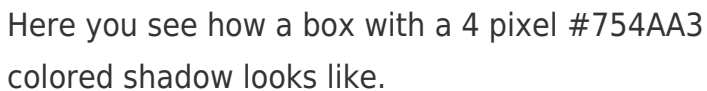
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#754AA3 }
```

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

```
.border{ border-color:#754AA3 }
```

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



Here you see how a box with a 4 pixel #754AA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #754AA3; -webkit-box-shadow:4px 4px  
4px 4px #754AA3; box-shadow:4px 4px 4px  
4px #754AA3 }
```

Background

The CSS property to change the background color of an element to Hex 754AA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#754AA3 }
```

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

```
.background{ background-color:#754AA3 }
```

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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