

Converting Colors

Hex(753C7A)

Have a look what the booklet for
Hex(753C7A) contains.

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Color

Hex(753C7A)

Conversions

Conversions Part 1

Format	Color
Hex	753C7A
RGB	117, 60, 122
RGB Percent	46%, 24%, 48%
CMY	0.5412, 0.7647, 0.5216
CMYK	0.04, 0.51, 0.00, 0.52
HSL	295°, 34%, 36%
HSV	295°, 51%, 48%
XYZ	12.4648, 8.4188, 19.3804
YIQ	84.1110, 14.0700, 31.3660

Conversions

Conversions Part 2

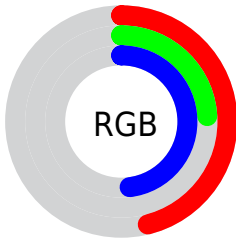
Format	Color
R_{YB}	117, 60, 122
Decimal	7683194
CIE _{Lab}	34.84, 34.89, -24.85
CIE _{LCh}	35, 42.835, 324.544
Yxy	8.4188, 0.3096, 0.2091
Android (android.graphics.Color)	4285873274 (0xFF753C7A)
YUV	84.1110, 18.6793, 28.8437
Hunter-Lab	29.0151, 25.9068, -19.2916

Details

The Hex color **753C7A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **417A3C**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **AB6EAF**, and **430A49** is the 20% darker color. If you saturate the color by 10%, you get **74307A**, and if you desaturate by 10%, it is **76487A**.

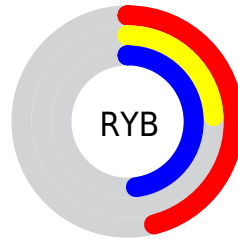
Distribution



Red (46%)

Green (24%)

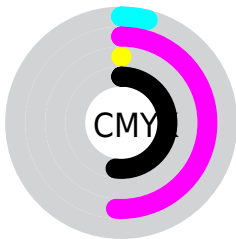
Blue (48%)



Red (46%)

Yellow (24%)

Blue (48%)

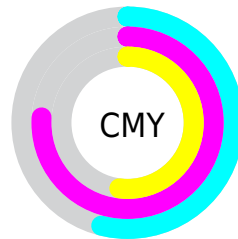


Cyan (4%)

Magenta (51%)

Yellow (0%)

Black (52%)



Cyan (54%)

Magenta (76%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 753C7A 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 753C7A by changing the saturation by 10% instead.

 753C7A

 753C7A

FFFFFF

 5B2461

 AB6EAF

 430A49

 C688CA

 2B0032

 E3A2E6

 0E001D

 FFBEFF

 000000

 FFDAFF

 FFF7FF

 753C7A

 753C7A

 74307A

 76487A

73247A

77547A

72177A

78617A

710B7A

796D7A

70007A

7A797A

7B857A

7C917A

7D9E7A

7EAA7A

Harmonies

Analogous

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



464C90



753C7A



8C305A

Triad

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



753C7A



684E02



00626D

Complementary

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



753C7A



417A3C

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.



00614A



753C7A



47580A

Square

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



753C7A



81401A



165F28



005F89

Rectangle

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



753C7A



8F3043



165F28



006262

Sweetspot

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



753C7A



9C869E



3C417A



4E414F



CFCFCF



4F4F4F

Same Dimension

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



753C7A



963E9E



7A3C60



3D373D



73007D



E800FC

Inverse Universe

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



7A3C41



9E3E45



3C7A56



3D3738



7D000A



FC0014

Previews

White Background



This preview shows how the Hex color 753C7A looks on a white background.

Color Contrast Check

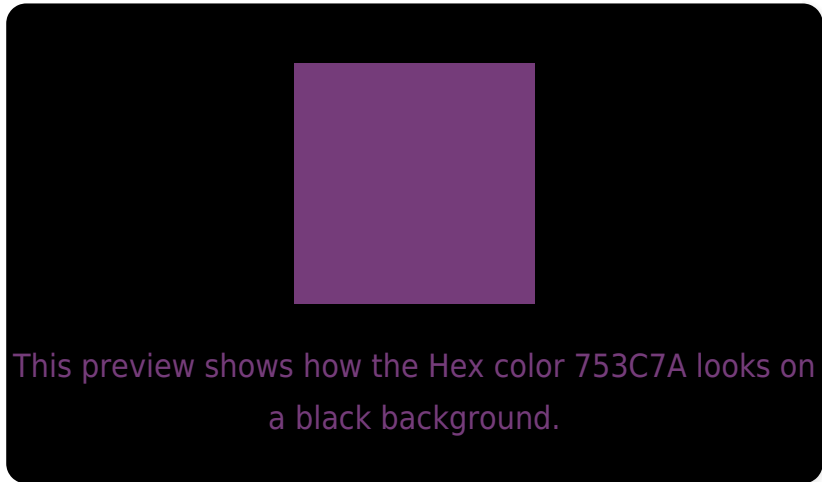
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

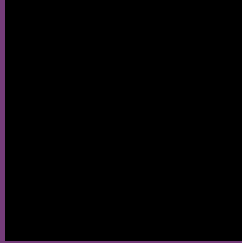
Any Text WCAG AA × Fail

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 753C7A Background



This preview shows how black text looks on a background with the Hex color 753C7A.

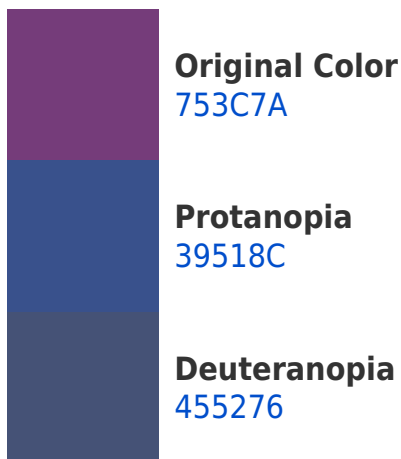



This preview shows how white text looks on a background with the Hex color 753C7A.

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
6F474D

Trichromacy



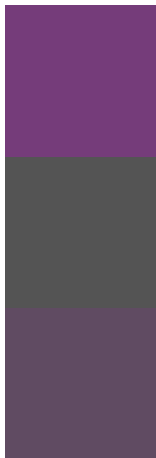
Original Color
753C7A

Protanomaly
4F4985

Deuteranomaly
564A77

Tritanomaly
71435D

Monochromacy



Original Color
753C7A

Achromatopsia
545454

Achromatomaly
604B62

CSS Examples

Text

The CSS property to change the color of the text to Hex 753C7A 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 #753C7A looks like.

```
.text, #text, p{  
    color:#753C7A  
}
```

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 #753C7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #753C7A
}
```

Border

The CSS property to change the border of an element to Hex 753C7A 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
#753C7A }
```

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

```
.border{ border-color:#753C7A }
```

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

Here you see how a box with a 4 pixel #753C7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #753C7A; -webkit-box-shadow:4px 4px  
4px 4px #753C7A; box-shadow:4px 4px 4px  
4px #753C7A }
```

Background

The CSS property to change the background color of an element to Hex 753C7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#753C7A }
```

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

```
.background{ background-color:#753C7A }
```

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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