

Converting Colors

Hex(753D78)

Have a look what the booklet for
Hex(753D78) contains.

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Color

Hex(753D78)

Conversions

Conversions Part 1

Format	Color
Hex	753D78
RGB	117, 61, 120
RGB Percent	46%, 24%, 47%
CMY	0.5412, 0.7608, 0.5294
CMYK	0.03, 0.49, 0.00, 0.53
HSL	297°, 33%, 35%
HSV	297°, 49%, 47%
XYZ	12.3950, 8.4755, 18.7519
YIQ	84.4700, 14.4370, 30.2210

Conversions

Conversions Part 2

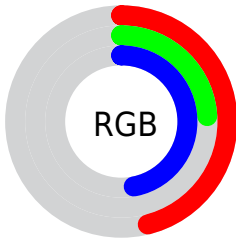
Format	Color
R_{YB}	117, 61, 120
Decimal	7683448
CIE _{Lab}	34.95, 33.93, -23.42
CIE _{LCh}	35, 41.225, 325.380
Yxy	8.4755, 0.3128, 0.2139
Android (android.graphics.Color)	4285873528 (0xFF753D78)
YUV	84.4700, 17.5163, 28.5288
Hunter-Lab	29.1126, 25.0512, -17.8108

Details

The Hex color **753D78** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **40783D**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **AA6FAD**, and **430C47** is the 20% darker color. If you saturate the color by 10%, you get **743178**, and if you desaturate by 10%, it is **764978**.

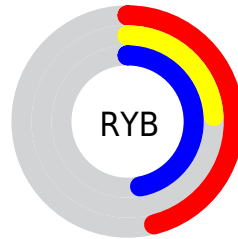
Distribution



Red (46%)

Green (24%)

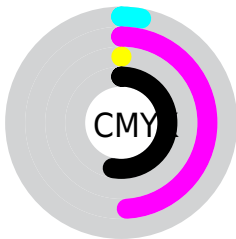
Blue (47%)



Red (46%)

Yellow (24%)

Blue (47%)

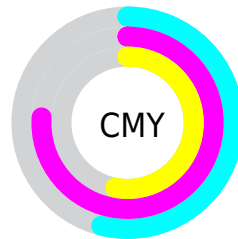


Cyan (3%)

Magenta (49%)

Yellow (0%)

Black (53%)



Cyan (54%)

Magenta (76%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 753D78 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 753D78 by changing the saturation by 10% instead.

753D78

753D78

FFFFFF

5B255F

AA6FAD

430C47

C689C8

2B0030

E3A3E4

0E001B

FFBFFF

000000

FFDBFF

FFF8FF

753D78

753D78

743178

764978

■ 742578

■ 765578

■ 731978

■ 776178

■ 730D78

■ 776D78

■ 720178

■ 787978

■ 720078

■ 798578

■ 799178

■ 7A9D78

■ 7AA978

Harmonies

Analogous

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



494C8E



753D78



8A3359

Triad

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



753D78



674F07



00626D

Complementary

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



753D78



40783D

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.



00614C



753D78



47590F

Square

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



753D78



7F421C



185F2B



005F88

Rectangle

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



753D78



8E3343



185F2B



006263

Sweetspot

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



753D78



9A849C



3D4178



4E414F



CFCFCF



4F4F4F

Same Dimension

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



753D78



97409C



783D5E



3D373D



77007D



F000FC

Inverse Universe

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



783D40



9C4044



3D7857



3D3737



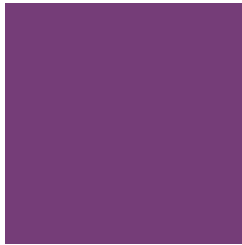
7D0006



FC000D

Previews

White Background



This preview shows how the Hex color 753D78 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

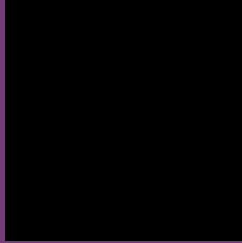
Any Text WCAG AA × Fail

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 753D78 Background



This preview shows how black text looks on a background with the Hex color 753D78.

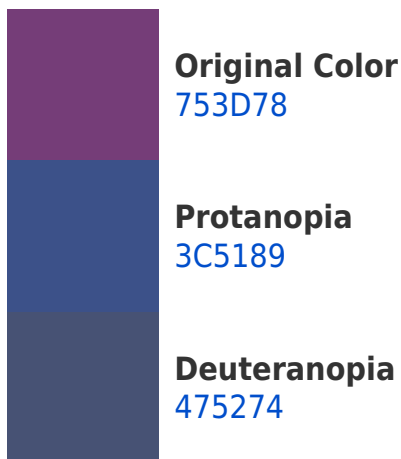



This preview shows how white text looks on a background with the Hex color 753D78.

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
753D78

Protanomaly
514A83

Deuteranomaly
584A75

Tritanomaly
71435D

Monochromacy



Original Color
753D78

Achromatopsia
545454

Achromatomaly
604C61

CSS Examples

Text

The CSS property to change the color of the text to Hex 753D78 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 #753D78 looks like.

```
.text, #text, p{  
    color:#753D78  
}
```

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 #753D78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #753D78  
}
```

Border

The CSS property to change the border of an element to Hex 753D78 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  
#753D78 }
```

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

```
.border{ border-color:#753D78 }
```

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

Here you see how a box with a 4 pixel #753D78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #753D78; -webkit-box-shadow:4px 4px  
4px 4px #753D78; box-shadow:4px 4px 4px  
4px #753D78 }
```

Background

The CSS property to change the background color of an element to Hex 753D78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#753D78 }
```

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

```
.background{ background-color:#753D78 }
```

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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