

Converting Colors

Hex(753F78)

Have a look what the booklet for
Hex(753F78) contains.

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Color

Hex(753F78)

Conversions

Conversions Part 1

Format	Color
Hex	753F78
RGB	117, 63, 120
RGB Percent	46%, 25%, 47%
CMY	0.5412, 0.7529, 0.5294
CMYK	0.03, 0.47, 0.00, 0.53
HSL	297°, 31%, 36%
HSV	297°, 48%, 47%
XYZ	12.5038, 8.6930, 18.7882
YIQ	85.6440, 13.8870, 29.1750

Conversions

Conversions Part 2

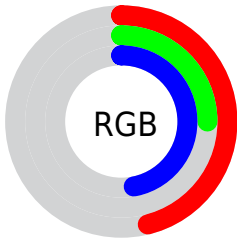
Format	Color
R _Y B	117, 63, 120
Decimal	7683960
CIE Lab	35.39, 32.80, -22.75
CIE LCh	35, 39.918, 325.259
Yxy	8.6930, 0.3127, 0.2174
Android (android.graphics.Color)	4285874040 (0xFF753F78)
YUV	85.6440, 16.9375, 27.4992
Hunter-Lab	29.4839, 24.1031, -17.1430

Details

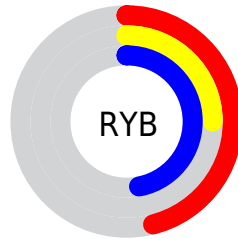
The Hex color **753F78** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **42783F**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **AA71AD**, and **430F47** is the 20% darker color. If you saturate the color by 10%, you get **743378**, and if you desaturate by 10%, it is **764B78**.

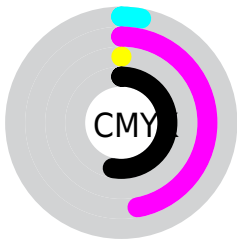
Distribution



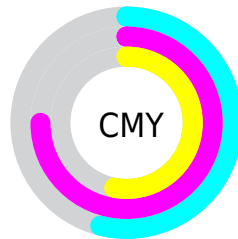
- Red (46%)
- Green (25%)
- Blue (47%)



- Red (46%)
- Yellow (25%)
- Blue (47%)



- Cyan (3%)
- Magenta (47%)
- Yellow (0%)
- Black (53%)



- Cyan (54%)
- Magenta (75%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 753F78 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 753F78 by changing the saturation by 10% instead.

 753F78

 753F78

FFFFFF

 5B275F

 AA71AD

 430F47

 C68BC8

 2B0030

 E3A5E4

 10001B

 FFC1FF

 000000

 FFDDFF

 FFFAFF

 753F78

 753F78

 743378

 764B78

742778

765778

731B78

776378

720F78

786F78

720378

787B78

720078

798778

799378

7A9F78

7BAB78

Harmonies

Analogous

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



4A4D8D



753F78



8A355A

Triad

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



753F78



68500C



00626E

Complementary

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



753F78



42783F

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.



00624D



753F78



495913

Square

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



753F78



7F431F



1D5F2D



005F87

Rectangle

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



753F78



8D3644



1D5F2D



006263

Sweetspot

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



753F78



9A869C



3F4378



4E424F



CFCFCF



4F4F4F

Same Dimension

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



753F78



97439C



783F5F



3D373D



76007D



EF00FC

Inverse Universe

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



783F42



9C4348



3F7858



3D3737



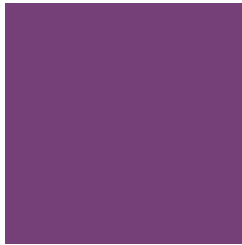
7D0007



FC000D

Previews

White Background



This preview shows how the Hex color 753F78 looks on a white background.

Color Contrast Check

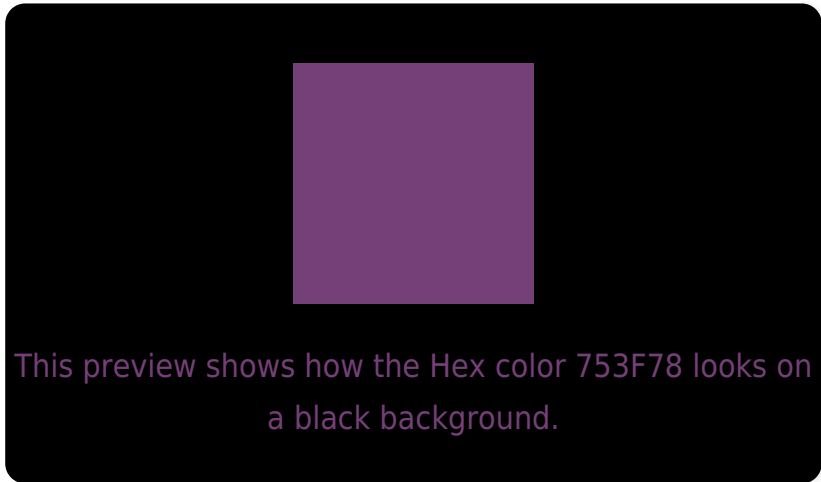
Large Text (above 18pt) WCAG AA ✓ Pass

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

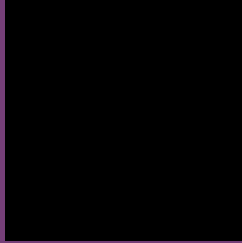
Any Text WCAG AA × Fail

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 753F78 Background



This preview shows how black text looks on a background with the Hex color 753F78.

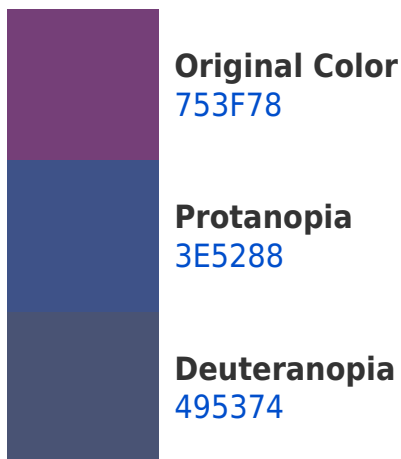


This preview shows how white text looks on a background with the Hex color 753F78.

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
70494E

Trichromacy



Original Color
753F78

Protanomaly
524B82

Deuteranomaly
594C75

Tritanomaly
72455D

Monochromacy



Original Color
753F78

Achromatopsia
565656

Achromatomaly
614E62

CSS Examples

Text

The CSS property to change the color of the text to Hex 753F78 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 #753F78 looks like.

```
.text, #text, p{  
    color:#753F78  
}
```

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 #753F78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #753F78
}
```

Border

The CSS property to change the border of an element to Hex 753F78 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
#753F78 }
```

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

```
.border{ border-color:#753F78 }
```

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

Here you see how a box with a 4 pixel #753F78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #753F78; -webkit-box-shadow:4px 4px  
4px 4px #753F78; box-shadow:4px 4px 4px  
4px #753F78 }
```

Background

The CSS property to change the background color of an element to Hex 753F78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#753F78 }
```

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

```
.background{ background-color:#753F78 }
```

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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