

Converting Colors

Hex(753678)

Have a look what the booklet for
Hex(753678) contains.

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Color

Hex(753678)

Conversions

Conversions Part 1

Format	Color
Hex	753678
RGB	117, 54, 120
RGB Percent	46%, 21%, 47%
CMY	0.5412, 0.7882, 0.5294
CMYK	0.03, 0.55, 0.00, 0.53
HSL	297°, 38%, 34%
HSV	297°, 55%, 47%
XYZ	12.0454, 7.7763, 18.6354
YIQ	80.3610, 16.3620, 33.8820

Conversions

Conversions Part 2

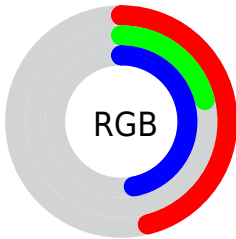
Format	Color
R_{YB}	117, 54, 120
Decimal	7681656
CIE _{Lab}	33.51, 37.73, -25.68
CIE _{LCh}	34, 45.640, 325.766
Yxy	7.7763, 0.3132, 0.2022
Android (android.graphics.Color)	4285871736 (0xFF753678)
YUV	80.3610, 19.5420, 32.1324
Hunter-Lab	27.8860, 28.3030, -20.1015

Details

The Hex color **753678** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **397836**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **AB68AD**, and **420147** is the 20% darker color. If you saturate the color by 10%, you get **742A78**, and if you desaturate by 10%, it is **764278**.

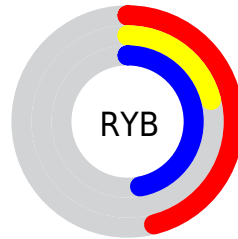
Distribution



Red (46%)

Green (21%)

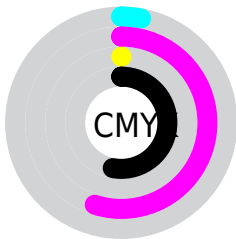
Blue (47%)



Red (46%)

Yellow (21%)

Blue (47%)

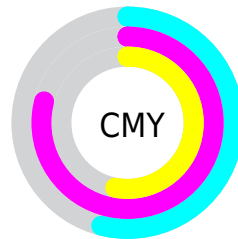


Cyan (3%)

Magenta (55%)

Yellow (0%)

Black (53%)



Cyan (54%)

Magenta (79%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 753678 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 753678 by changing the saturation by 10% instead.

753678

753678

FFFFFF

5B1D5F

AB68AD

420147

C782C8

2B0030

E39DE4

09001B

FFB8FF

000000

FFD4FF

FFF1FF

753678

753678

742A78

764278

■ 741E78

■ 764E78

■ 731278

■ 775A78

■ 730678

■ 776678

■ 730078

■ 787278

■ 787E78

■ 798A78

■ 799678

■ 7AA278

Harmonies

Analogous

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



434790



753678



8C2956

Triad

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



753678



644B00



005F6D

Complementary

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



753678



397836

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.



005F48



753678



415600

Square

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



753678



7E3C11



005C23



005C8A

Rectangle

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



753678



8F293D



005C23



005F61

Sweetspot

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



753678



9A819C



363978



4E3F4F



CFCFCF



4F4F4F

Same Dimension

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



753678



97359C



78365A



3D373D



77007D



F100FC

Inverse Universe

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



783639



9C353A



367854



3D3737



7D0006



FC000B

Previews

White Background



This preview shows how the Hex color 753678 looks on a white background.

Color Contrast Check

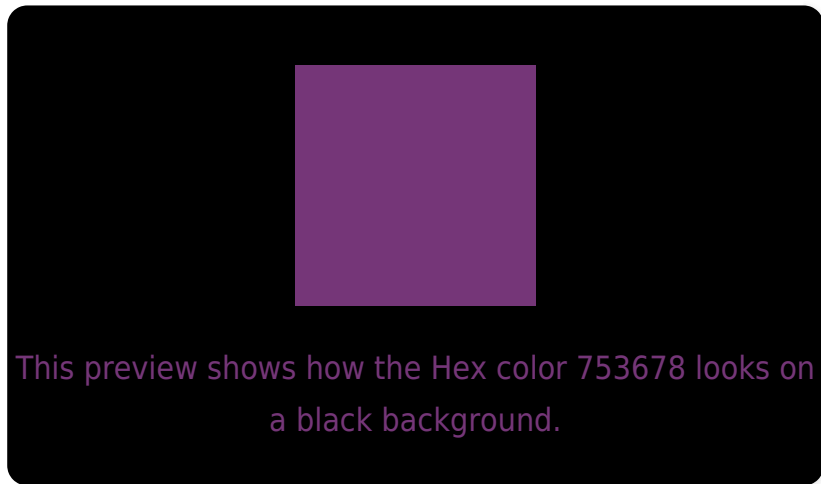
Large Text (above 18pt) WCAG AA ✓ Pass

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

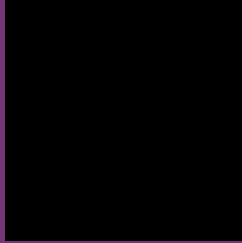
Any Text WCAG AA × Fail

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 753678 Background



This preview shows how black text looks on a background with the Hex color 753678.

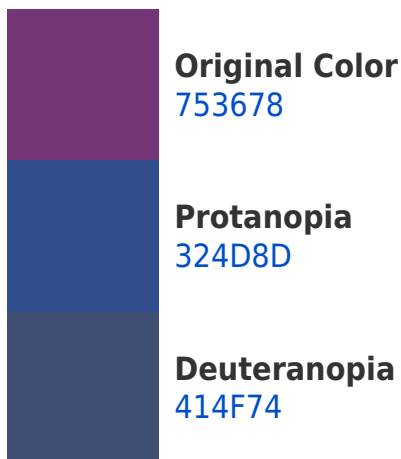



This preview shows how white text looks on a background with the Hex color 753678.

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
6F4348

Trichromacy



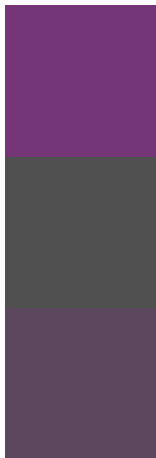
Original Color
753678

Protanomaly
4A4585

Deuteranomaly
544675

Tritanomaly
713E59

Monochromacy



Original Color
753678

Achromatopsia
505050

Achromatomaly
5D475F

CSS Examples

Text

The CSS property to change the color of the text to Hex 753678 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 #753678 looks like.

```
.text, #text, p{  
    color:#753678  
}
```

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 #753678 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #753678  
}
```

Border

The CSS property to change the border of an element to Hex 753678 is called "border". The border property can be set on classes, ids or directly on the HTML element.

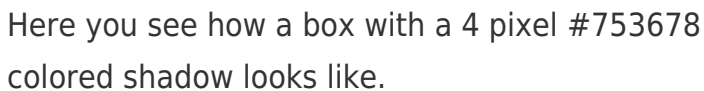
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#753678 }
```

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

```
.border{ border-color:#753678 }
```

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



Here you see how a box with a 4 pixel #753678 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #753678; -webkit-box-shadow:4px 4px  
4px 4px #753678; box-shadow:4px 4px 4px  
4px #753678 }
```

Background

The CSS property to change the background color of an element to Hex 753678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#753678 }
```

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

```
.background{ background-color:#753678 }
```

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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