

# Converting Colors

Hex(757180)

Have a look what the booklet for  
Hex(757180) contains.

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# Color

**Hex(757180)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	757180
RGB	117, 113, 128
RGB Percent	46%, 44%, 50%
CMY	0.5412, 0.5569, 0.4980
CMYK	0.09, 0.12, 0.00, 0.50
HSL	256°, 6%, 47%
HSV	256°, 12%, 50%
XYZ	17.1375, 17.1507, 22.8292
YIQ	115.9060, -2.4310, 5.5130

# Conversions

## Conversions Part 2

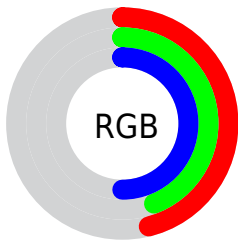
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	117, 113, 128
Decimal	7696768
CIE Lab	48.45, 4.67, -7.70
CIE LCh	48, 9.003, 301.259
Yxy	17.1507, 0.3000, 0.3003
Android (android.graphics.Color)	4285886848 (0xFF757180)
YUV	115.9060, 5.9623, 0.9594
Hunter-Lab	41.4134, 1.3928, -3.6944

# Details

The Hex color **757180** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7C8071**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A9A5B5**, and **45414F** is the 20% darker color. If you saturate the color by 10%, you get **6C6480**, and if you desaturate by 10%, it is **7E7E80**.

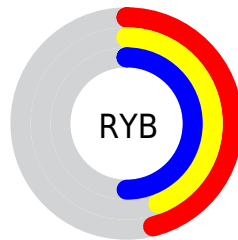
# Distribution



Red (46%)

Green (44%)

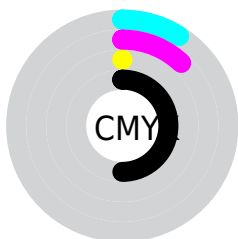
Blue (50%)



Red (46%)

Yellow (44%)

Blue (50%)

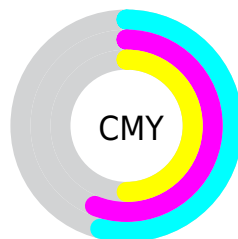


Cyan (9%)

Magenta (12%)

Yellow (0%)

Black (50%)



Cyan (54%)

Magenta (56%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 757180 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 757180 by changing the saturation by 10% instead.



■ 757180

■ 757180

FFFFFF

■ 5C5967

■ A9A5B5

■ 45414F

■ C4C0D0

■ 2E2B38

■ E0DCED

■ 1A1723

■ FDF8FF

■ 00000C

■ 000000

■ 757180

■ 757180

■ 6C6480

■ 7E7E80

■ 625780

■ 888B80

■ 594B80

■ 919780

■ 4F3E80

■ 9BA480

■ 463180

■ A4B180

■ 3D2480

■ ADBE80

■ 331780

■ B7CB80

■ 2A0B80

■ C0D780

■ 220080

■ C9E480

# Harmonies

## Analogous

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



6B7482



757180



7D6F7A

# Triad

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



757180



807066



627873

# Complementary

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



757180



7C8071

# Split Complementary

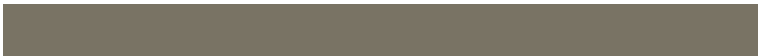
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68776C



757180



797364

# Square

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



757180



836E6B



707566



60777B

# Rectangle

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



757180



816E76



707566



637770



# Sweetspot

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



757180



A19FA6



717C80



515054



D4D4D4



545454



# Same Dimension

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



757180



958FA6



7D7180



3B3940



220080



000000



# Inverse Universe

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



80717C



A68FA0



758071



40393E



80005E



000000



# Previews

## White Background



This preview shows how the Hex color 757180 looks on a white background.

## Color Contrast Check

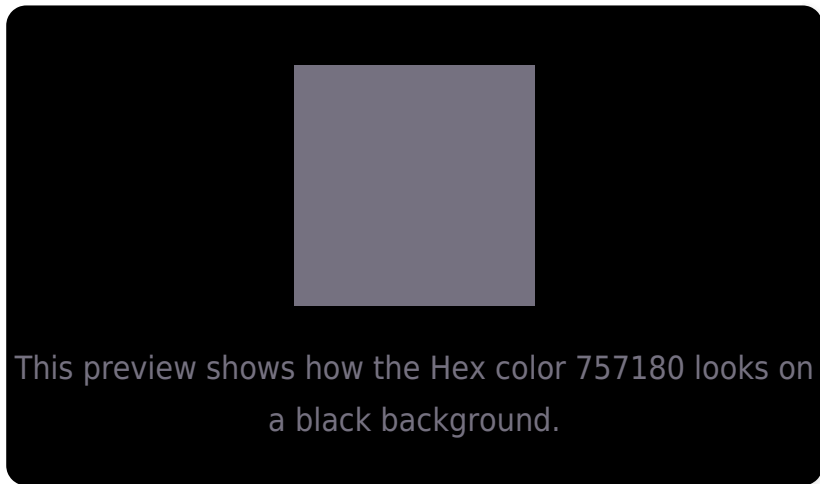
Large Text (above 18pt) WCAG AA ✓ Pass

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

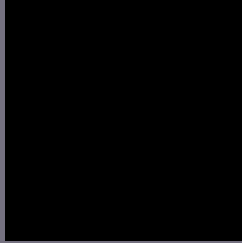
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 757180 Background



This preview shows how black text looks on a background with the Hex color 757180.



This preview shows how white text looks on a background with the Hex color 757180.

# 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



**Original Color**  
757180

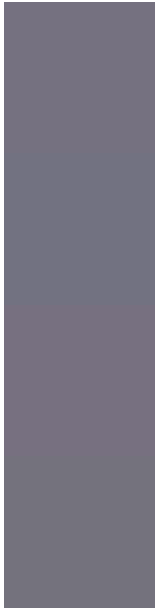
**Protanopia**  
717281

**Deuteranopia**  
787080



**Tritanopia**  
74727B

# Trichromacy



**Original Color**  
757180

**Protanomaly**  
727281

**Deuteranomaly**  
777080

**Tritanomaly**  
74727D

# Monochromacy



**Original Color**  
757180

**Achromatopsia**  
747474

**Achromatomaly**  
747378

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 757180 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 #757180 looks like.

```
.text, #text, p{  
    color:#757180  
}
```

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 #757180 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757180
}
```

## Border

The CSS property to change the border of an element to Hex 757180 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
#757180 }
```

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

```
.border{ border-color:#757180 }
```

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

Here you see how a box with a 4 pixel #757180 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757180; -webkit-box-shadow:4px 4px  
4px 4px #757180; box-shadow:4px 4px 4px  
4px #757180 }
```

# Background

The CSS property to change the background color of an element to Hex 757180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757180 }
```

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

```
.background{ background-color:#757180 }
```

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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