

Converting Colors

Hex(757687)

Have a look what the booklet for
Hex(757687) contains.

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Color

Hex(757687)

Conversions

Conversions Part 1

Format	Color
Hex	757687
RGB	117, 118, 135
RGB Percent	46%, 46%, 53%
CMY	0.5412, 0.5373, 0.4706
CMYK	0.13, 0.13, 0.00, 0.47
HSL	237°, 7%, 49%
HSV	237°, 13%, 53%
XYZ	18.1877, 18.4880, 25.5316
YIQ	119.6390, -6.0530, 5.0750

Conversions

Conversions Part 2

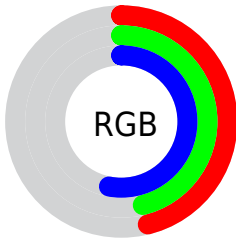
Format	Color
R_{YB}	117, 118, 135
Decimal	7698055
CIE _{Lab}	50.08, 3.29, -9.39
CIE _{LCh}	50, 9.953, 289.285
Yxy	18.4880, 0.2924, 0.2972
Android (android.graphics.Color)	4285888135 (0xFF757687)
YUV	119.6390, 7.5730, -2.3144
Hunter-Lab	42.9977, 0.2582, -5.1074

Details

The Hex color **757687** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **878675**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A9AABC**, and **454655** is the 20% darker color. If you saturate the color by 10%, you get **686987**, and if you desaturate by 10%, it is **838387**.

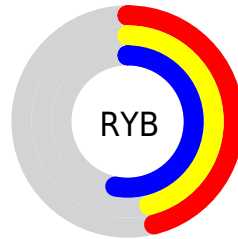
Distribution



Red (46%)

Green (46%)

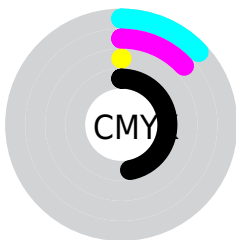
Blue (53%)



Red (46%)

Yellow (46%)

Blue (53%)

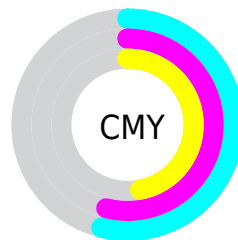


Cyan (13%)

Magenta (13%)

Yellow (0%)

Black (47%)



Cyan (54%)

Magenta (54%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 757687 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 757687 by changing the saturation by 10% instead.

■ 757687

■ 757687

FFFFFF

■ 5C5D6E

■ A9AABC

■ 454655

■ C4C5D8

■ 2E303E

■ E0E1F4

■ 191B28

■ FDFFEF

■ 000014

■ 000000

■ 757687

■ 757687

■ 686987

■ 838387

■ 5A5D87

■ 909087

■ 4D5087

■ 9D9C87

■ 3F4387

■ ABA987

■ 313687

■ B9B687

■ 242A87

■ C6C287

■ 161D87

■ D3CF87

■ 091087

■ E1DC87

■ 000887

■ EFE987

Harmonies

Analogous

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



6B7988



757687



7F7382

Triad

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



757687



87736B



667C74

Complementary

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



757687



878675

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.



6E7B6C



757687



817667

Square

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



757687



897272



787867



627C7C

Rectangle

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



757687



85727D



787867



697C71

Sweetspot

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



757687



A9A9B0



758786



555559



D9D9D9



595959

Same Dimension

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



757687



9495B0



7D7587



3C3C42



000782



000003

Inverse Universe

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



877576



B09495



7F8775



423C3C



820007



030000

Previews

White Background



This preview shows how the Hex color 757687 looks on a white background.

Color Contrast Check

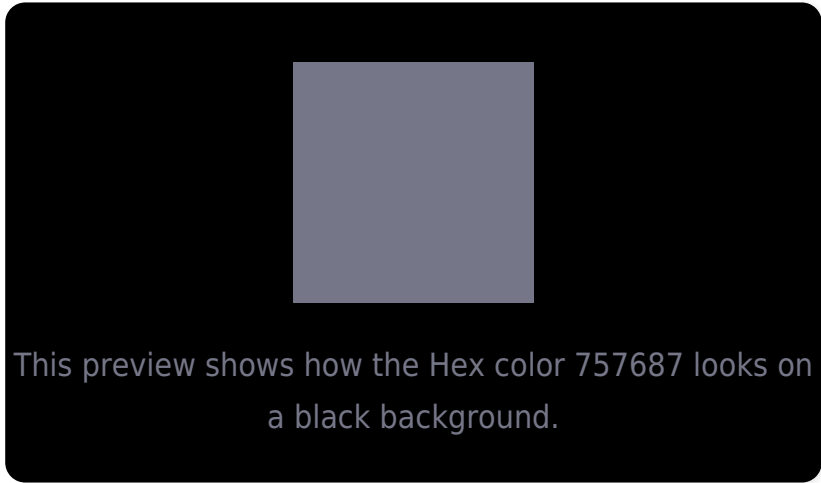
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

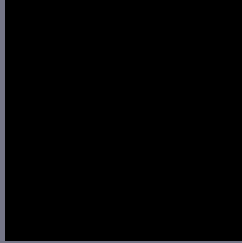
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

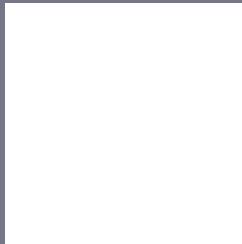
Any Text WCAG AAA × Fail

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

Hex 757687 Background



This preview shows how black text looks on a background with the Hex color 757687.



This preview shows how white text looks on a background with the Hex color 757687.

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

757687

Protanopia

747687

Deuteranopia

7B7487



Tritanopia
747781

Trichromacy



Original Color
757687

Protanomaly
747687

Deuteranomaly
797587

Tritanomaly
747783

Monochromacy



Original Color
757687

Achromatopsia
787878

Achromatomaly
77777D

CSS Examples

Text

The CSS property to change the color of the text to Hex 757687 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 #757687 looks like.

```
.text, #text, p{  
  color:#757687  
}
```

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 #757687 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757687
}
```

Border

The CSS property to change the border of an element to Hex 757687 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
#757687 }
```

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

```
.border{ border-color:#757687 }
```

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

Here you see how a box with a 4 pixel #757687 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757687; -webkit-box-shadow:4px 4px  
4px 4px #757687; box-shadow:4px 4px 4px  
4px #757687 }
```

Background

The CSS property to change the background color of an element to Hex 757687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757687 }
```

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

```
.background{ background-color:#757687 }
```

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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