

Converting Colors

Hex(757C00)

Have a look what the booklet for
Hex(757C00) contains.

Hex(757C00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(757C00)

Conversions

Conversions Part 1

Format	Color
Hex	757C00
RGB	117, 124, 0
RGB Percent	46%, 49%, 0%
CMY	0.5412, 0.5137, 1.0000
CMYK	0.06, 0.00, 1.00, 0.51
HSL	63°, 100%, 24%
HSV	63°, 100%, 49%
XYZ	14.5438, 18.1972, 2.7459
YIQ	107.7710, 35.6320, -40.0480

Conversions

Conversions Part 2

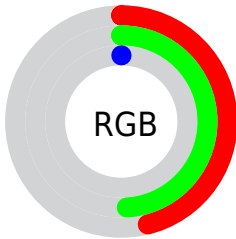
Format	Color
RYB	0, 124, 7
Decimal	7699456
CIELab	49.73, -15.90, 54.68
CIElCh	50, 56.951, 106.216
Yxy	18.1972, 0.4098, 0.5128
Android (android.graphics.Color)	4285889536 (0xFF757C00)
YUV	107.7710, -53.1311, 8.0938
Hunter-Lab	42.6582, -13.7945, 26.0443

Details

The Hex color **757C00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **07007C**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **ACB041**, and **414B00** is the 20% darker color. If you saturate the color by 10%, you get **757C00**, and if you desaturate by 10%, it is **767C0C**.

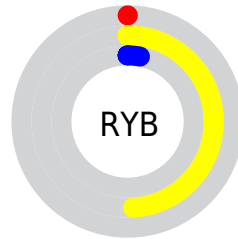
Distribution



Red (46%)

Green (49%)

Blue (0%)



Red (0%)

Yellow (49%)

Blue (3%)

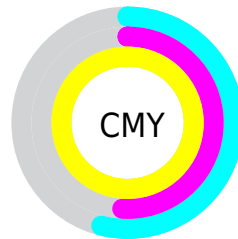


Cyan (6%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (54%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 757C00 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 757C00 by changing the saturation by 10% instead.

 757C00

 757C00

FFFFFF

 5A6300

 ACB041

 414B00

 C9CC5B

 273500

 E6E876

 0C2000

 FFFF91

 000000

 FFFFAC

 FFFFC9

 FFFF E5

 757C00

 767C0C

 767C19

 777C25

 787C32

 787C3E

 797C4A

 7A7C57

 7B7C63

 7B7C70

Harmonies

Analogous

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



A06C07



757C00



3B862E

Triad

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



757C00



008ABB



C2498F

Complementary

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



757C00



07007C

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.



995DBA



757C00



0082D4

Square

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



757C00



008D90



4573D4



CD465E

Rectangle

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



757C00



008A4D



4573D4



B84F9E

Sweetspot

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



757C00



9EA170



7C0600



505234



D1D1D1



525252

Same Dimension

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



757C00



98A100



387C00



3D3D37



767D00



EEFC00

Inverse Universe

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



07007C



0900A1



44007C



37373D



07007D



0E00FC

Previews

White Background



This preview shows how the Hex color 757C00 looks on a white background.

Color Contrast Check

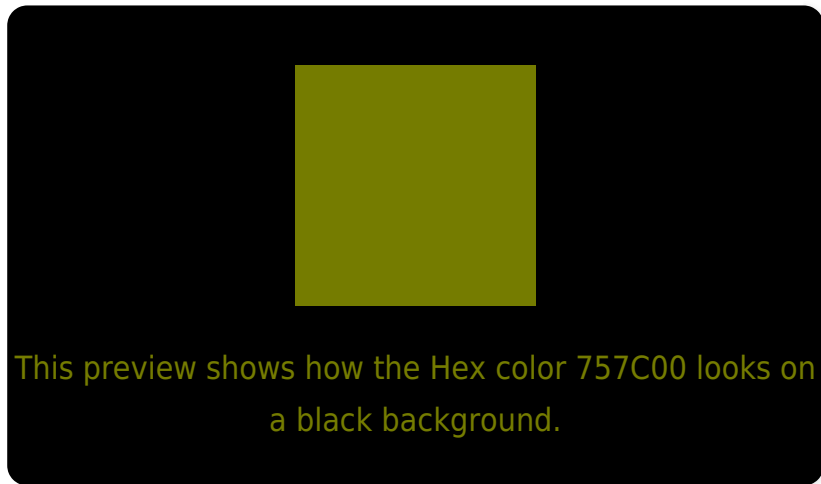
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 757C00 Background



This preview shows how black text looks on a background with the Hex color 757C00.



This preview shows how white text looks on a background with the Hex color 757C00.

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
757C00

Protanopia
857700

Deuteranopia
957014



Tritanopia
7E737C

Trichromacy



Original Color
757C00

Protanomaly
7F7900

Deuteranomaly
89740D

Tritanomaly
7B764F

Monochromacy



Original Color
757C00

Achromatopsia
6C6C6C

Achromatomaly
6F7245

CSS Examples

Text

The CSS property to change the color of the text to Hex 757C00 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 #757C00 looks like.

```
.text, #text, p{  
    color:#757C00  
}
```

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 #757C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757C00
}
```

Border

The CSS property to change the border of an element to Hex 757C00 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
#757C00 }
```

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

```
.border{ border-color:#757C00 }
```

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

Here you see how a box with a 4 pixel #757C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757C00; -webkit-box-shadow:4px 4px  
4px 4px #757C00; box-shadow:4px 4px 4px  
4px #757C00 }
```

Background

The CSS property to change the background color of an element to Hex 757C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757C00 }
```

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

```
.background{ background-color:#757C00 }
```

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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