

Converting Colors

Hex(757217)

Have a look what the booklet for
Hex(757217) contains.

Hex(757217)	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(757217)

Conversions

Conversions Part 1

Format	Color
Hex	757217
RGB	117, 114, 23
RGB Percent	46%, 45%, 9%
CMY	0.5412, 0.5529, 0.9098
CMYK	0.00, 0.03, 0.80, 0.54
HSL	58°, 67%, 27%
HSV	58°, 80%, 46%
XYZ	13.5081, 15.8784, 3.1635
YIQ	104.5230, 30.9990, -27.6650

Conversions

Conversions Part 2

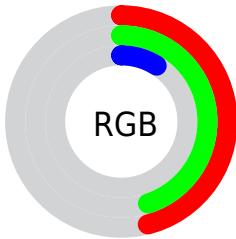
Format	Color
R_{YB}	26, 117, 23
Decimal	7696919
CIE _{Lab}	46.81, -9.82, 46.82
CIE _{LCh}	47, 47.836, 101.851
Yxy	15.8784, 0.4150, 0.4878
Android (android.graphics.Color)	4285886999 (0xFF757217)
YUV	104.5230, -40.1908, 10.9423
Hunter-Lab	39.8477, -9.2233, 23.1864

Details

The Hex color **757217** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **171A75**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **ACA64B**, and **424200** is the 20% darker color. If you saturate the color by 10%, you get **75720B**, and if you desaturate by 10%, it is **757223**.

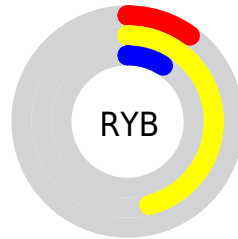
Distribution



Red (46%)

Green (45%)

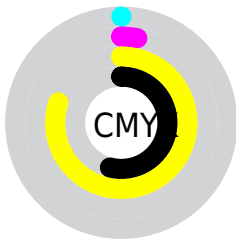
Blue (9%)



Red (10%)

Yellow (46%)

Blue (9%)

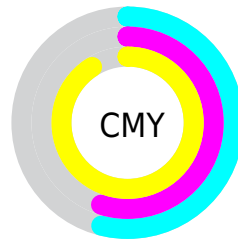


Cyan (0%)

Magenta (3%)

Yellow (80%)

Black (54%)



Cyan (54%)

Magenta (55%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 757217 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 757217 by changing the saturation by 10% instead.

 757217

 757217

FFFFFF

 5B5A00

 ACA64B

 424200

 C8C165

 282C00

 E5DC7F

 0D1900

 FFF99A

 000000

 FFFFB5

 FFFFDD

 FFFFEE

 757217

 757217

■ 75720B

■ 757223

■ 757100

■ 75732E

■ 75733A

■ 757346

■ 757452

■ 75745D

■ 757569

■ 757575

■ 757580

Harmonies

Analogous

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



98641E



757217



487B2F

Triad

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



757217



0080A4



AB4E89

Complementary

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



757217



171A75

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.



865DAB



757217



007ABB

Square

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



757217



00827E



3D6EBE



B84961

Rectangle

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



757217



157F47



3D6EBE



A25296

Sweetspot

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



757217



999874



75171A



4D4C36



CCCCCC



4D4D4D

Same Dimension

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



757217



999406



497517



3B3A35



7A7600



FAF200

Inverse Universe

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



171A75



060B99



431775



35353B



00047A



0008FA

Previews

White Background



This preview shows how the Hex color 757217 looks on a white background.

Color Contrast Check

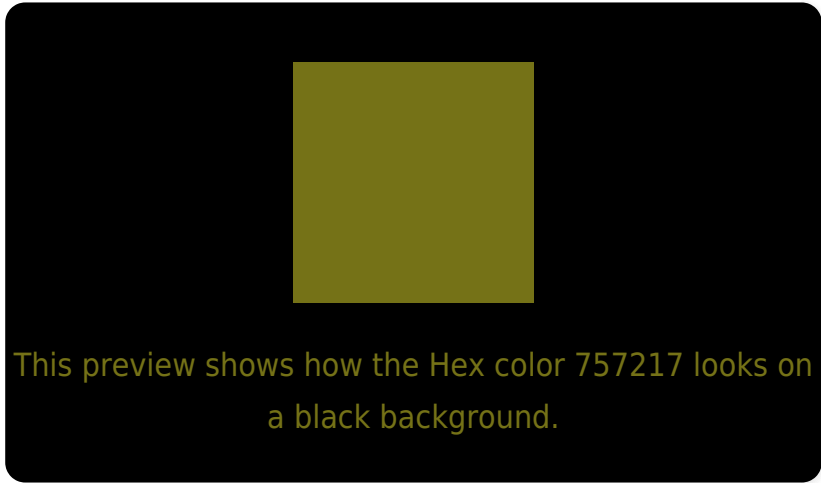
Large Text (above 18pt) WCAG AA ✓ Pass

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

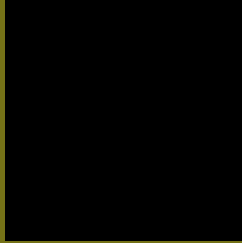
Any Text WCAG AA × Fail

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 757217 Background



This preview shows how black text looks on a background with the Hex color 757217.



This preview shows how white text looks on a background with the Hex color 757217.

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
757217

Protanopia
7D6F16

Deuteranopia
8C691C



Tritanopia
7C6A72

Trichromacy



Original Color
757217

Protanomaly
7A7016

Deuteranomaly
846C1A

Tritanomaly
796D51

Monochromacy



Original Color
757217

Achromatopsia
696969

Achromatomaly
6D6C4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 757217 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 #757217 looks like.

```
.text, #text, p{  
    color:#757217  
}
```

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 #757217 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757217
}
```

Border

The CSS property to change the border of an element to Hex 757217 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
#757217 }
```

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

```
.border{ border-color:#757217 }
```

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

Here you see how a box with a 4 pixel #757217 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757217; -webkit-box-shadow:4px 4px  
4px 4px #757217; box-shadow:4px 4px 4px  
4px #757217 }
```

Background

The CSS property to change the background color of an element to Hex 757217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757217 }
```

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

```
.background{ background-color:#757217 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor