

Converting Colors

Hex(758738)

Have a look what the booklet for
Hex(758738) contains.

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Color

Hex(758738)

Conversions

Conversions Part 1

Format	Color
Hex	758738
RGB	117, 135, 56
RGB Percent	46%, 53%, 22%
CMY	0.5412, 0.4706, 0.7804
CMYK	0.13, 0.00, 0.59, 0.47
HSL	74°, 41%, 37%
HSV	74°, 59%, 53%
XYZ	16.7139, 21.3954, 6.9902
YIQ	120.6120, 14.6310, -28.3850

Conversions

Conversions Part 2

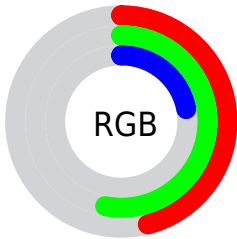
Format	Color
RYB	56, 135, 74
Decimal	7702328
CIELab	53.38, -18.93, 39.54
CIElCh	53, 43.833, 115.580
Yxy	21.3954, 0.3706, 0.4744
Android (android.graphics.Color)	4285892408 (0xFF758738)
YUV	120.6120, -31.8537, -3.1677
Hunter-Lab	46.2551, -16.4470, 23.4186

Details

The Hex color **758738** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4A3887**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **ABBC6A**, and **425503** is the 20% darker color. If you saturate the color by 10%, you get **72872B**, and if you desaturate by 10%, it is **788746**.

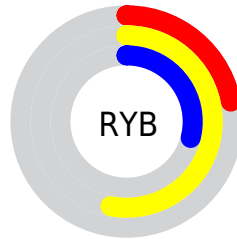
Distribution



Red (46%)

Green (53%)

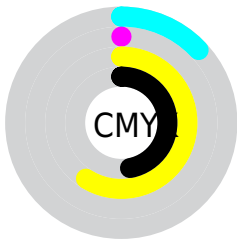
Blue (22%)



Red (22%)

Yellow (53%)

Blue (29%)

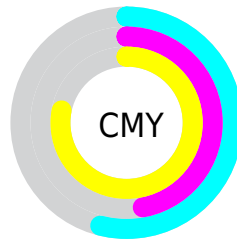


Cyan (13%)

Magenta (0%)

Yellow (59%)

Black (47%)



Cyan (54%)

Magenta (47%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 758738 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 758738 by changing the saturation by 10% instead.

 758738

 758738

FFFFFF

 5B6E1F


 ABBC6A

 425503

 C7D884

 2B3E00

 E3F49F

 112800

 FFFFBA

 001400

 FFFFD6

 000000

 FFFFF3

 758738

 758738

 72872B

 788746

■ 6F871D

■ 7B8753

■ 6C8710

■ 7E8761

■ 698702

■ 81876E

■ 688700

■ 84877C

■ 878789

■ 8B8797

■ 8E87A4

■ 9187B2

Harmonies

Analogous

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



9A7C31



758738



468E53

Triad

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



758738



008EBD



C25F87

Complementary

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



758738



4A3887

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.



A969AB



758738



1D85CB

Square

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



758738



00929F



7978C4



C56261

Rectangle

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



758738



01916B



7978C4



BC6193

Sweetspot

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



758738



A9B090



874938



555946



D9D9D9



595959

Same Dimension

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



758738



94B035



4E8738



41423C



648200



020300

Inverse Universe

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



4A3887



5135B0



713887



3D3C42



1E0082



010003

Previews

White Background



This preview shows how the Hex color 758738 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

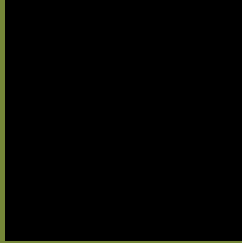
Any Text WCAG AA ✓ Pass

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 758738 Background



This preview shows how black text looks on a background with the Hex color 758738.



This preview shows how white text looks on a background with the Hex color 758738.

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
758738

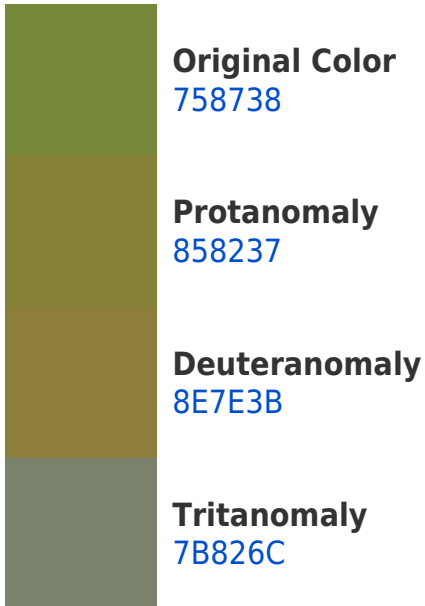
Protanopia
8E7F36

Deuteranopia
9D793C

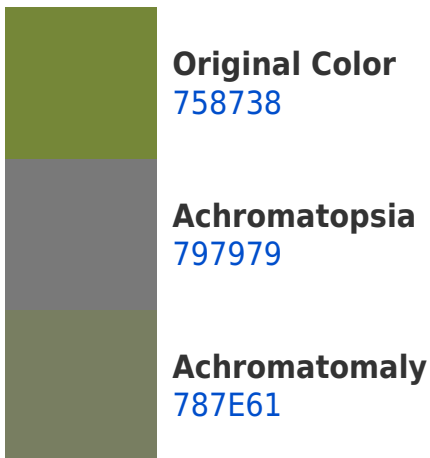


Tritanopia
7E7F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 758738 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 #758738 looks like.

```
.text, #text, p{  
    color:#758738  
}
```

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 #758738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #758738
}
```

Border

The CSS property to change the border of an element to Hex 758738 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
#758738 }
```

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

```
.border{ border-color:#758738 }
```

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

Here you see how a box with a 4 pixel #758738 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #758738; -webkit-box-shadow:4px 4px  
4px 4px #758738; box-shadow:4px 4px 4px  
4px #758738 }
```

Background

The CSS property to change the background color of an element to Hex 758738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#758738 }
```

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

```
.background{ background-color:#758738 }
```

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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