

Converting Colors

Hex(758A19)

Have a look what the booklet for
Hex(758A19) contains.

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Color

Hex(758A19)

Conversions

Conversions Part 1

Format	Color
Hex	758A19
RGB	117, 138, 25
RGB Percent	46%, 54%, 10%
CMY	0.5412, 0.4588, 0.9020
CMYK	0.15, 0.00, 0.82, 0.46
HSL	71°, 69%, 32%
HSV	71°, 82%, 54%
XYZ	16.6001, 22.0291, 4.2968
YIQ	118.8390, 23.7570, -39.5950

Conversions

Conversions Part 2

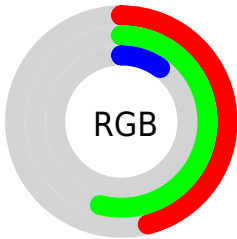
Format	Color
R_{YB}	25, 138, 46
Decimal	7703065
CIE _{Lab}	54.06, -22.49, 52.70
CIE _{LCh}	54, 57.295, 113.109
Yxy	22.0291, 0.3867, 0.5132
Android (android.graphics.Color)	4285893145 (0xFF758A19)
YUV	118.8390, -46.2626, -1.6128
Hunter-Lab	46.9351, -19.0044, 27.4267

Details

The Hex color **758A19** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2E198A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **ACBF50**, and **415800** is the 20% darker color. If you saturate the color by 10%, you get **728A0B**, and if you desaturate by 10%, it is **788A27**.

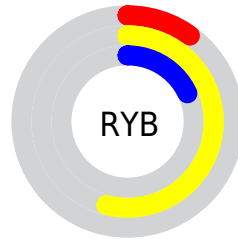
Distribution



Red (46%)

Green (54%)

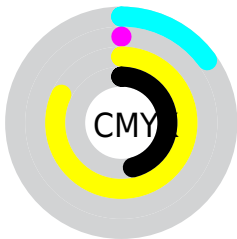
Blue (10%)



Red (10%)

Yellow (54%)

Blue (18%)

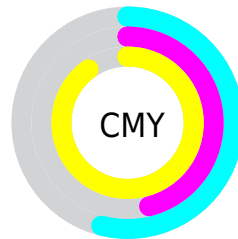


Cyan (15%)

Magenta (0%)

Yellow (82%)

Black (46%)



Cyan (54%)

Magenta (46%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 758A19 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 758A19 by changing the saturation by 10% instead.



758A19



758A19

FFFFFF



5A7100



ACBF50



415800



C8DB6A



274100



E5F885



0B2A00



FFFFA0



001700



FFFFBC



000000



FFFFD9



FFFFF6



758A19



758A19

■ 728A0B

■ 788A27

■ 708A00

■ 7A8A35

■ 7D8A42

■ 7F8A50

■ 828A5E

■ 848A6C

■ 878A7A

■ 8A8A87

■ 8C8A95

Harmonies

Analogous

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



A47B10



758A19



329342

Triad

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



758A19



0094D0



D4528F

Complementary

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



758A19



2E198A

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.



B263BD



758A19



008AE4

Square

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



758A19



0098A7



6C79DD



D9555D

Rectangle

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



758A19



009763



6C79DD



CC569F

Sweetspot

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



758A19



AAB386



8A2E19



54593E



D9D9D9



595959

Same Dimension

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



758A19



92B304



3D8A19



44453E



6C8500



040500

Inverse Universe

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



2E198A



2404B3



66198A



3F3E45



190085



010005

Previews

White Background



This preview shows how the Hex color 758A19 looks on a white background.

Color Contrast Check

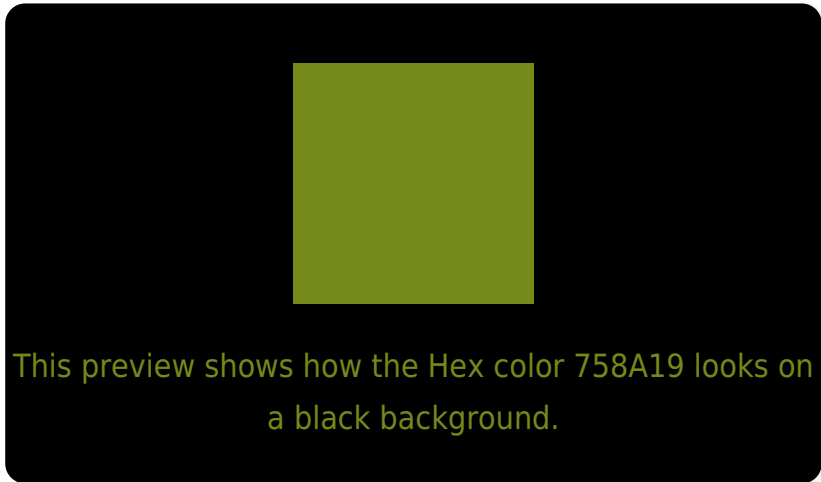
Large Text (above 18pt) WCAG AA ✓ Pass

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 758A19 Background



This preview shows how black text looks on a background with the Hex color 758A19.



This preview shows how white text looks on a background with the Hex color 758A19.

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
758A19

Protanopia
918117

Deuteranopia
A27A22



Tritanopia
80808B

Trichromacy



Original Color
758A19

Protanomaly
878418

Deuteranomaly
92801F

Tritanomaly
7C8462

Monochromacy



Original Color
758A19

Achromatopsia
777777

Achromatomaly
767E55

CSS Examples

Text

The CSS property to change the color of the text to Hex 758A19 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 #758A19 looks like.

```
.text, #text, p{  
    color:#758A19  
}
```

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 #758A19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #758A19
}
```

Border

The CSS property to change the border of an element to Hex 758A19 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
#758A19 }
```

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

```
.border{ border-color:#758A19 }
```

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

Here you see how a box with a 4 pixel #758A19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #758A19; -webkit-box-shadow:4px 4px  
4px 4px #758A19; box-shadow:4px 4px 4px  
4px #758A19 }
```

Background

The CSS property to change the background color of an element to Hex 758A19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#758A19 }
```

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

```
.background{ background-color:#758A19 }
```

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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