

Converting Colors

Hex(678A1D)

Have a look what the booklet for
Hex(678A1D) contains.

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Color

Hex(678A1D)

Conversions

Conversions Part 1

Format	Color
Hex	678A1D
RGB	103, 138, 29
RGB Percent	40%, 54%, 11%
CMY	0.5961, 0.4588, 0.8863
CMYK	0.25, 0.00, 0.79, 0.46
HSL	79°, 65%, 33%
HSV	79°, 79%, 54%
XYZ	14.9038, 21.1492, 4.4591
YIQ	115.1090, 14.1290, -41.3190

Conversions

Conversions Part 2

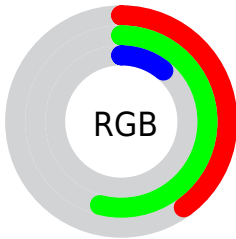
Format	Color
R_{YB}	29, 138, 64
Decimal	6785565
CIE _{Lab}	53.11, -28.28, 50.22
CIE _{LCh}	53, 57.634, 119.381
Yxy	21.1492, 0.3679, 0.5220
Android (android.graphics.Color)	4284975645 (0xFF678A1D)
YUV	115.1090, -42.4517, -10.6196
Hunter-Lab	45.9883, -22.6317, 26.4430

Details

The Hex color **678A1D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **401D8A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **9DC053**, and **335800** is the 20% darker color. If you saturate the color by 10%, you get **638A0F**, and if you desaturate by 10%, it is **6B8A2B**.

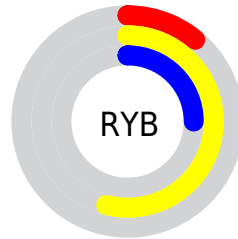
Distribution



Red (40%)

Green (54%)

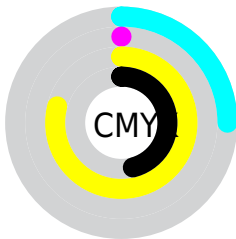
Blue (11%)



Red (11%)

Yellow (54%)

Blue (25%)

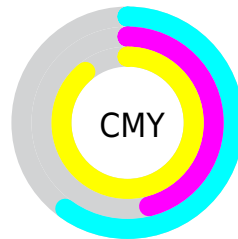


Cyan (25%)

Magenta (0%)

Yellow (79%)

Black (46%)



Cyan (60%)

Magenta (46%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 678A1D 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 678A1D by changing the saturation by 10% instead.

 678A1D

 678A1D

FFFFFF

 4D7000

 9DC053

 335800

 B9DC6D

 184000

 D6F887

 002A00

 F3FFA3

 001300

 FFFFBF

 000000

 FFFFDB

 FFFFF8

 678A1D

 678A1D

■ 638A0F

■ 6B8A2B

■ 5E8A01

■ 708A39

■ 5E8A00

■ 748A46

■ 798A54

■ 7D8A62

■ 828A70

■ 868A7E

■ 8A8A8B

■ 8F8A99

Harmonies

Analogous

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



987C05



678A1D



0A9249

Triad

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



678A1D



0091D4



D54E82

Complementary

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



678A1D



401D8A

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.



B95CB2



678A1D



0085E2

Square

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



678A1D



0096AE



7C72D6



D55551

Rectangle

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



678A1D



00956B



7C72D6



CF5093

Sweetspot

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



678A1D



A5B388



8A401D



51593F



D9D9D9



595959

Same Dimension

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



678A1D



7CB309



318A1D



43453E



5A8500



030500

Inverse Universe

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



401D8A



3F09B3



761D8A



403E45



2B0085



020005

Previews

White Background



This preview shows how the Hex color 678A1D looks on a white background.

Color Contrast Check

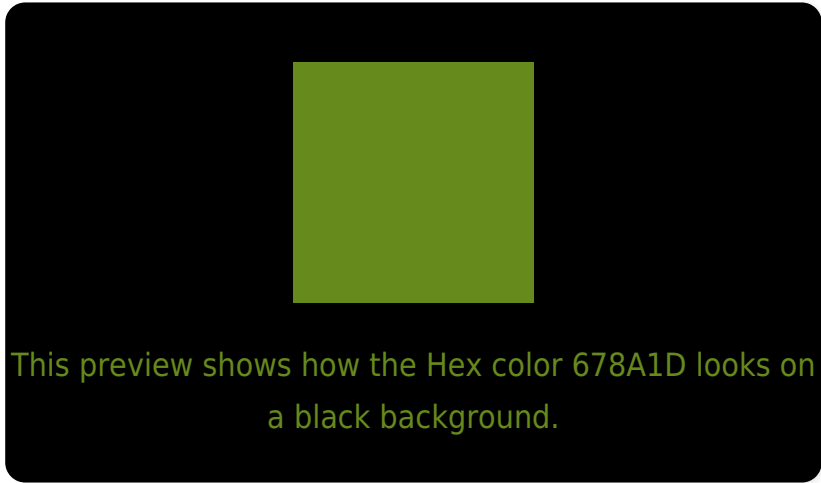
Large Text (above 18pt) WCAG AA ✓ Pass

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 678A1D Background



This preview shows how black text looks on a background with the Hex color 678A1D.



This preview shows how white text looks on a background with the Hex color 678A1D.

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
678A1D

Protanopia
8E7F1A

Deuteranopia
9F7826



Tritanopia
73818B

Trichromacy



Original Color
678A1D

Protanomaly
80831B

Deuteranomaly
8B7F23

Tritanomaly
6F8463

Monochromacy



Original Color
678A1D

Achromatopsia
737373

Achromatomaly
6F7B54

CSS Examples

Text

The CSS property to change the color of the text to Hex 678A1D 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 #678A1D looks like.

```
.text, #text, p{  
    color:#678A1D  
}
```

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 #678A1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #678A1D
}
```

Border

The CSS property to change the border of an element to Hex 678A1D 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
#678A1D }
```

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

```
.border{ border-color:#678A1D }
```

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

Here you see how a box with a 4 pixel #678A1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #678A1D; -webkit-box-shadow:4px 4px  
4px 4px #678A1D; box-shadow:4px 4px 4px  
4px #678A1D }
```

Background

The CSS property to change the background color of an element to Hex 678A1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#678A1D }
```

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

```
.background{ background-color:#678A1D }
```

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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