

Converting Colors

Hex(678F1D)

Have a look what the booklet for
Hex(678F1D) contains.

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Color

Hex(678F1D)

Conversions

Conversions Part 1

Format	Color
Hex	678F1D
RGB	103, 143, 29
RGB Percent	40%, 56%, 11%
CMY	0.5961, 0.4392, 0.8863
CMYK	0.28, 0.00, 0.80, 0.44
HSL	81°, 66%, 34%
HSV	81°, 80%, 56%
XYZ	15.6378, 22.6172, 4.7038
YIQ	118.0440, 12.7540, -43.9340

Conversions

Conversions Part 2

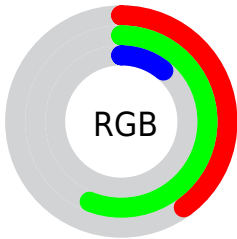
Format	Color
R_{YB}	29, 143, 69
Decimal	6786845
CIE _{Lab}	54.68, -30.66, 51.68
CIE _{LCh}	55, 60.089, 120.680
Yxy	22.6172, 0.3640, 0.5265
Android (android.graphics.Color)	4284976925 (0xFF678F1D)
YUV	118.0440, -43.8987, -13.1936
Hunter-Lab	47.5575, -24.5318, 27.4261

Details

The Hex color **678F1D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **451D8F**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **9DC553**, and **325C00** is the 20% darker color. If you saturate the color by 10%, you get **628F0F**, and if you desaturate by 10%, it is **6C8F2B**.

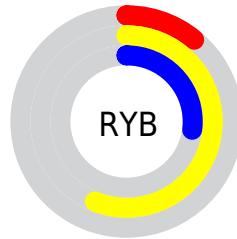
Distribution



Red (40%)

Green (56%)

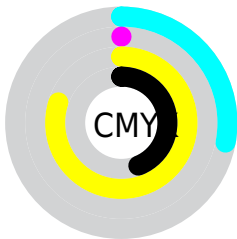
Blue (11%)



Red (11%)

Yellow (56%)

Blue (27%)

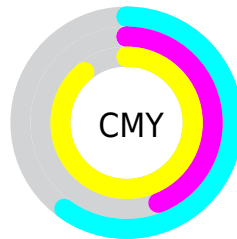


Cyan (28%)

Magenta (0%)

Yellow (80%)

Black (44%)



Cyan (60%)

Magenta (44%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 678F1D 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 678F1D by changing the saturation by 10% instead.

 678F1D

 678F1D

FFFFFF

 4C7500

 9DC553

 325C00

 BAE16E

 174400

 D6FE88

 002E00

 F3FFA4

 001900

 FFFFC0

 000000

 FFFFDC

 FFFFF9

 678F1D

 678F1D

■ 628F0F

■ 6C8F2B

■ 5D8F00

■ 718F3A

■ 768F48

■ 7B8F56

■ 808F65

■ 858F73

■ 8A8F81

■ 8F8F8F

■ 948F9E

Harmonies

Analogous

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



9B8100



678F1D



00974D

Triad

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



678F1D



0095DD



DE4E84

Complementary

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



678F1D



451D8F

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.



C25DB7



678F1D



0089EB

Square

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



678F1D



009AB7



8374DD



DC5751

Rectangle

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



678F1D



009A70



8374DD



D85195

Sweetspot

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



678F1D



AABA8D



8F451D



555E43



DEDEDE



5E5E5E

Same Dimension

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



678F1D



7BBA07



2E8F1D



454740



588700



050800

Inverse Universe

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



451D8F



4607BA



7E1D8F



434047



2F0087



030008

Previews

White Background



This preview shows how the Hex color 678F1D looks on a white background.

Color Contrast Check

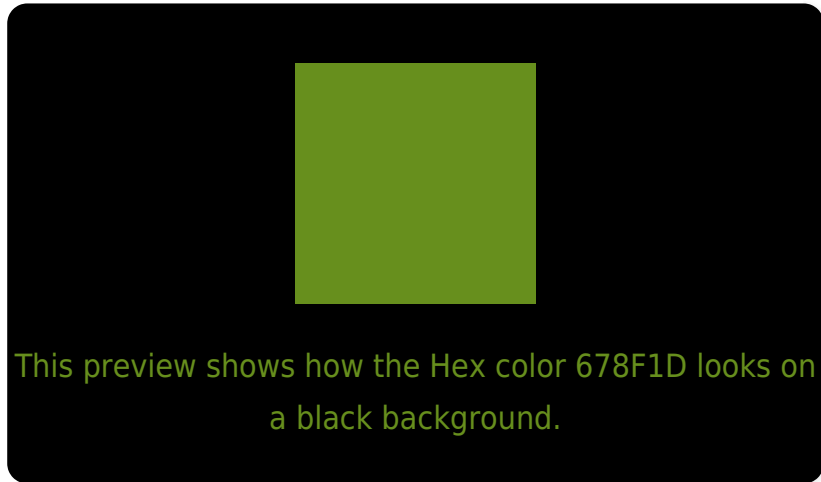
Large Text (above 18pt) WCAG AA ✓ Pass

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 678F1D Background



This preview shows how black text looks on a background with the Hex color 678F1D.



This preview shows how white text looks on a background with the Hex color 678F1D.

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
678F1D

Protanopia
93831A

Deuteranopia
A47C27



Tritanopia
748590

Trichromacy



Original Color
678F1D

Protanomaly
83871B

Deuteranomaly
8E8323

Tritanomaly
6F8966

Monochromacy



Original Color
678F1D

Achromatopsia
767676

Achromatomaly
717F56

CSS Examples

Text

The CSS property to change the color of the text to Hex 678F1D 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 #678F1D looks like.

```
.text, #text, p{  
    color:#678F1D  
}
```

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 #678F1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #678F1D
}
```

Border

The CSS property to change the border of an element to Hex 678F1D 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".

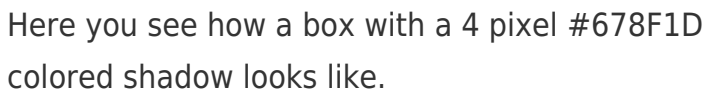
```
.border, #border, table{ border:4px solid
#678F1D }
```

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

```
.border{ border-color:#678F1D }
```

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

Here you see how a box with a 4 pixel #678F1D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #678F1D; -webkit-box-shadow:4px 4px  
4px 4px #678F1D; box-shadow:4px 4px 4px  
4px #678F1D }
```

Background

The CSS property to change the background color of an element to Hex 678F1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#678F1D }
```

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

```
.background{ background-color:#678F1D }
```

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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