

Converting Colors

Hex(678D34)

Have a look what the booklet for
Hex(678D34) contains.

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Color

Hex(678D34)

Conversions

Conversions Part 1

Format	Color
Hex	678D34
RGB	103, 141, 52
RGB Percent	40%, 55%, 20%
CMY	0.5961, 0.4471, 0.7961
CMYK	0.27, 0.00, 0.63, 0.45
HSL	86°, 46%, 38%
HSV	86°, 63%, 55%
XYZ	15.7382, 22.1813, 6.7007
YIQ	119.4920, 5.9210, -35.7350

Conversions

Conversions Part 2

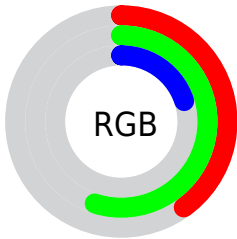
Format	Color
RYB	52, 141, 90
Decimal	6786356
CIELab	54.22, -28.10, 42.11
CIElCh	54, 50.623, 123.722
Yxy	22.1813, 0.3527, 0.4971
Android (android.graphics.Color)	4284976436 (0xFF678D34)
YUV	119.4920, -33.2736, -14.4635
Hunter-Lab	47.0970, -22.7710, 24.5324

Details

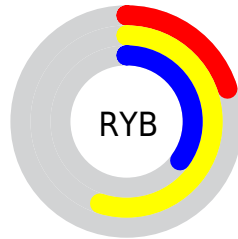
The Hex color **678D34** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5A348D**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **9CC366**, and **345B00** is the 20% darker color. If you saturate the color by 10%, you get **618D26**, and if you desaturate by 10%, it is **6D8D42**.

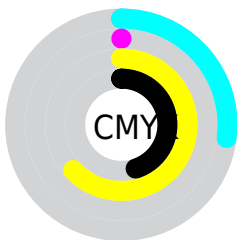
Distribution



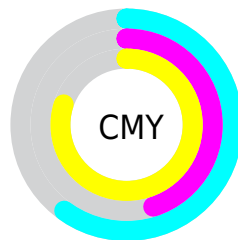
- Red (40%)
- Green (55%)
- Blue (20%)



- Red (20%)
- Yellow (55%)
- Blue (35%)



- Cyan (27%)
- Magenta (0%)
- Yellow (63%)
- Black (45%)



- Cyan (60%)
- Magenta (45%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 678D34 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 678D34 by changing the saturation by 10% instead.

 678D34

 678D34

FFFFFF

 4D731A

 9CC366

 345B00

 B8DF80

 1C4300

 D5FC9B

 002C00

 F1FFB7

 001700

 FFFFD3

 000000

 FFFFEF

 678D34

 678D34

 618D26

 6D8D42

■ 5B8D18

■ 738D50

■ 558D0A

■ 798D5E

■ 518D00

■ 7F8D6C

■ 858D7B

■ 8B8D89

■ 918D97

■ 978DA5

■ 9D8DB3

Harmonies

Analogous

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



948123



678D34



1F9459

Triad

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



678D34



0090D0



D0597E

Complementary

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



678D34



5A348D

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.



BB62A9



678D34



2985D9

Square

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



678D34



0096B1



8A74CB



CE6154

Rectangle

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



678D34



009677



8A74CB



CC5B8D

Sweetspot

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



678D34



A9B895



8D5934



535C47



DBDBDB



5C5C5C

Same Dimension

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



678D34



7CB82C



3B8D34



444740



4D8700



040800

Inverse Universe

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



5A348D



682CB8



86348D



434047



3A0087



030008

Previews

White Background



This preview shows how the Hex color 678D34 looks on a white background.

Color Contrast Check

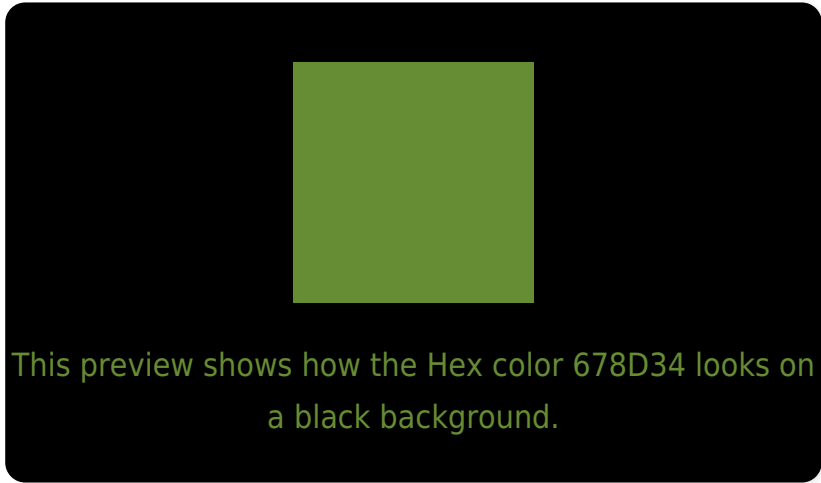
Large Text (above 18pt) WCAG AA ✓ Pass

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 678D34 Background



This preview shows how black text looks on a background with the Hex color 678D34.



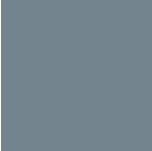
This preview shows how white text looks on a background with the Hex color 678D34.

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





Tritanopia
73848F

Trichromacy



Original Color
678D34

Protanomaly
818532

Deuteranomaly
8B8238

Tritanomaly
6F876E

Monochromacy



Original Color
678D34

Achromatopsia
777777

Achromatomaly
717F5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 678D34 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 #678D34 looks like.

```
.text, #text, p{  
    color:#678D34  
}
```

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 #678D34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #678D34
}
```

Border

The CSS property to change the border of an element to Hex 678D34 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
#678D34 }
```

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

```
.border{ border-color:#678D34 }
```

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

Here you see how a box with a 4 pixel #678D34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #678D34; -webkit-box-shadow:4px 4px  
4px 4px #678D34; box-shadow:4px 4px 4px  
4px #678D34 }
```

Background

The CSS property to change the background color of an element to Hex 678D34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#678D34 }
```

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

```
.background{ background-color:#678D34 }
```

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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