

Converting Colors

Hex(308030)

Have a look what the booklet for
Hex(308030) contains.

Hex(308030)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(308030)

Conversions

Conversions Part 1

Format	Color
Hex	308030
RGB	48, 128, 48
RGB Percent	19%, 50%, 19%
CMY	0.8118, 0.4980, 0.8118
CMYK	0.62, 0.00, 0.62, 0.50
HSL	120°, 45%, 35%
HSV	120°, 62%, 50%
XYZ	9.4716, 16.2801, 5.4395
YIQ	94.9600, -22.0000, -41.8400

Conversions

Conversions Part 2

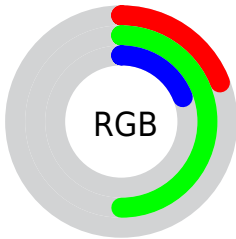
Format	Color
R_{YB}	48, 128, 128
Decimal	3178544
CIE _{Lab}	47.34, -41.21, 35.55
CIE _{LCh}	47, 54.421, 139.217
Yxy	16.2801, 0.3037, 0.5219
Android (android.graphics.Color)	4281368624 (0xFF308030)
YUV	94.9600, -23.1513, -41.1839
Hunter-Lab	40.3486, -28.7083, 20.2510

Details

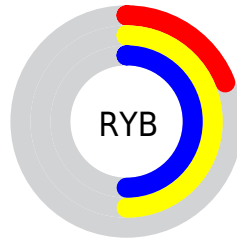
The Hex color **308030** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **803080**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **67B661**, and **004E00** is the 20% darker color. If you saturate the color by 10%, you get **238023**, and if you desaturate by 10%, it is **3D803D**.

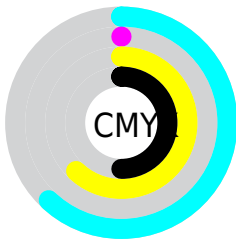
Distribution



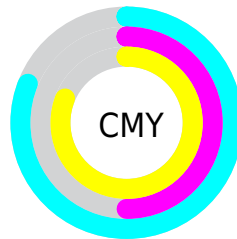
- Red (19%)
- Green (50%)
- Blue (19%)



- Red (19%)
- Yellow (50%)
- Blue (50%)



- Cyan (62%)
- Magenta (0%)
- Yellow (62%)
- Black (50%)



- Cyan (81%)
- Magenta (50%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 308030 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 308030 by changing the saturation by 10% instead.

 308030

 308030

FFFFFF

 0D6617

 67B661

 004E00

 83D27B

 003600

 9EEE95

 002100

 BBFFB0

 000000

 D7FFCC

 F5FFE8

 308030

 308030

 238023

 3D803D

■ 168016

■ 4A804A

■ 0A800A

■ 568056

■ 008000

■ 638063

■ 708070

■ 7D807D

■ 8A808A

■ 968096

■ A380A3

Harmonies

Analogous

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



6B7705



308030



00855E

Triad

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



308030



007ACA



C24455

Complementary

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



308030



803080

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.



BA4483



308030



4E6BC7

Square

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



308030



0083B5



9756AD



B3552B

Rectangle

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



308030



00867E



9756AD



C24264

Sweetspot

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



308030



86A686



808030



415441



D4D4D4



545454

Same Dimension

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



308030



29A629



308058



394039



008000



000000

Inverse Universe

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



803080



A629A6



803058



403940



800080



000000

Previews

White Background



This preview shows how the Hex color 308030 looks on a white background.

Color Contrast Check

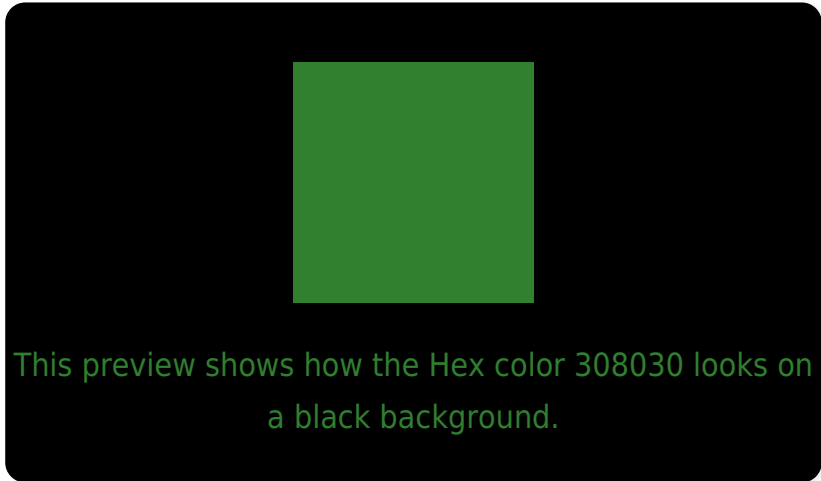
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

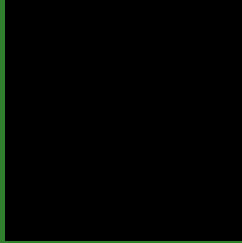
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 308030 Background



This preview shows how black text looks on a background with the Hex color 308030.



This preview shows how white text looks on a background with the Hex color 308030.

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
308030

Protanopia
7D702B

Deuteranopia
8A6A37



Tritanopia
447882

Trichromacy



Original Color
308030



Protanomaly
61762D



Deuteranomaly
697234



Tritanomaly
3D7B64

Monochromacy



Original Color
308030



Achromatopsia
5F5F5F



Achromatomaly
4E6B4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 308030 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 #308030 looks like.

```
.text, #text, p{  
    color:#308030  
}
```

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 #308030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #308030
}
```

Border

The CSS property to change the border of an element to Hex 308030 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
#308030 }
```

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

```
.border{ border-color:#308030 }
```

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

Here you see how a box with a 4 pixel #308030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #308030; -webkit-box-shadow:4px 4px  
4px 4px #308030; box-shadow:4px 4px 4px  
4px #308030 }
```

Background

The CSS property to change the background color of an element to Hex 308030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#308030 }
```

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

```
.background{ background-color:#308030 }
```

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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