

# Converting Colors

Hex(308742)

Have a look what the booklet for  
Hex(308742) contains.

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# Color

Hex(308742)

# Conversions

## Conversions Part 1

Format	Color
Hex	308742
RGB	48, 135, 66
RGB Percent	19%, 53%, 26%
CMY	0.8118, 0.4706, 0.7412
CMYK	0.64, 0.00, 0.51, 0.47
HSL	132°, 48%, 36%
HSV	132°, 64%, 53%
XYZ	10.8663, 18.3497, 8.1234
YIQ	101.1210, -29.7030, -39.9030

# Conversions

## Conversions Part 2

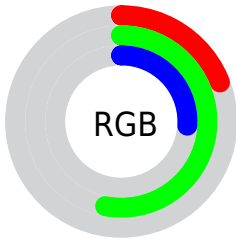
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 120, 135
Decimal	3180354
CIELab	49.92, -41.46, 29.46
CIElCh	50, 50.855, 144.606
Yxy	18.3497, 0.2910, 0.4914
Android (android.graphics.Color)	4281370434 (0xFF308742)
YUV	101.1210, -17.3147, -46.5871
Hunter-Lab	42.8365, -29.6841, 18.7420

# Details

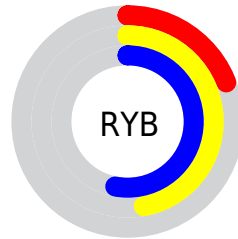
The Hex color **308742** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **873075**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **68BD73**, and **005413** is the 20% darker color. If you saturate the color by 10%, you get **238737**, and if you desaturate by 10%, it is **3E874D**.

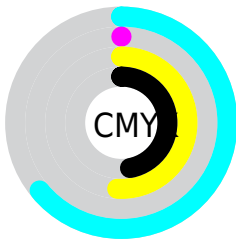
# Distribution



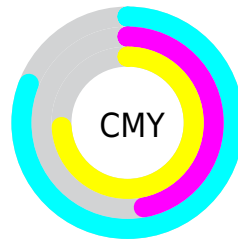
- Red (19%)
- Green (53%)
- Blue (26%)



- Red (19%)
- Yellow (47%)
- Blue (53%)



- Cyan (64%)
- Magenta (0%)
- Yellow (51%)
- Black (47%)



- Cyan (81%)
- Magenta (47%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 308742 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 308742 by changing the saturation by 10% instead.





308742



308742

FFFFFF



0B6D2B



68BD73



005413



83D98D



003C00



9FF6A8



002700



BCFFC4



000000



D8FFE0



F6FFFC



308742



308742



238737



3E874D

■ 15872D

■ 4B8757

■ 088722

■ 598762

■ 00871C

■ 66876D

■ 748778

■ 818782

■ 8F878D

■ 9C8798

■ AA87A2

# Harmonies

## Analogous

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



6A7F20



308742



008B6D

# Triad

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



308742



007ECD



C45155

# Complementary

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



308742



873075

# 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.



C04F80



308742



696FC6

# Square

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



308742



0087BD



A45CA9



B36130

# Rectangle

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



308742



008B8B



A45CA9



C54E63



# Sweetspot

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



308742



8FB095



768730



455949



D9D9D9



595959



# Same Dimension

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



308742



28B044



30876D



3C423D



00821B



000301



# Inverse Universe

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



873075



B02894



87304A



423C41



820067



030002



# Previews

## White Background



This preview shows how the Hex color 308742 looks on a white background.

## Color Contrast Check

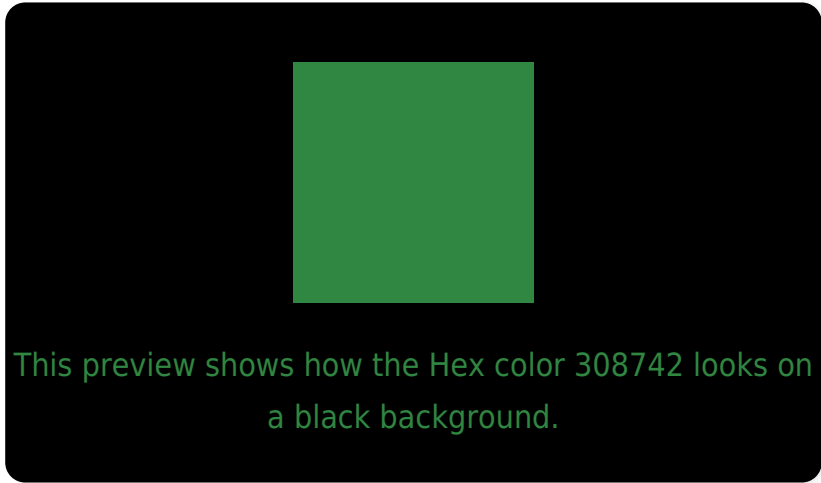
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 308742 Background



This preview shows how black text looks on a background with the Hex color 308742.



This preview shows how white text looks on a background with the Hex color 308742.

# 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**  
308742

**Protanopia**  
82763C

**Deuteranopia**  
8F7148



**Tritanopia**  
457F89

# Trichromacy



**Original Color**  
308742

**Protanomaly**  
647C3E

**Deuteranomaly**  
6C7946

**Tritanomaly**  
3D826F

# Monochromacy



**Original Color**  
308742

**Achromatopsia**  
656565

**Achromatomaly**  
527158

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 308742 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 #308742 looks like.

```
.text, #text, p{  
    color:#308742  
}
```

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 #308742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #308742
}
```

## Border

The CSS property to change the border of an element to Hex 308742 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
#308742 }
```

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

```
.border{ border-color:#308742 }
```

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

Here you see how a box with a 4 pixel #308742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #308742; -webkit-box-shadow:4px 4px  
4px 4px #308742; box-shadow:4px 4px 4px  
4px #308742 }
```

# Background

The CSS property to change the background color of an element to Hex 308742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#308742 }
```

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

```
.background{ background-color:#308742 }
```

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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