

# Converting Colors

Hex(308A4F)

Have a look what the booklet for  
Hex(308A4F) contains.

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# Color

**Hex(308A4F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	308A4F
RGB	48, 138, 79
RGB Percent	19%, 54%, 31%
CMY	0.8118, 0.4588, 0.6902
CMYK	0.65, 0.00, 0.43, 0.46
HSL	141°, 48%, 36%
HSV	141°, 65%, 54%
XYZ	11.7187, 19.3698, 10.5183
YIQ	104.3640, -34.7010, -37.4290

# Conversions

## Conversions Part 2

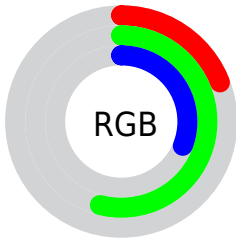
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 115, 138
Decimal	3181135
CIE <sub>Lab</sub>	51.12, -40.44, 23.95
CIE <sub>LCh</sub>	51, 47.001, 149.364
Yxy	19.3698, 0.2817, 0.4655
Android (android.graphics.Color)	4281371215 (0xFF308A4F)
YUV	104.3640, -12.5045, -49.4312
Hunter-Lab	44.0112, -29.4911, 16.6381

# Details

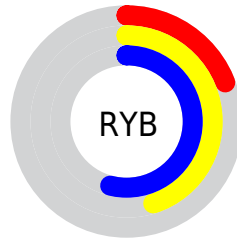
The Hex color **308A4F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8A306B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **68C081**, and **005721** is the 20% darker color. If you saturate the color by 10%, you get **228A46**, and if you desaturate by 10%, it is **3E8A58**.

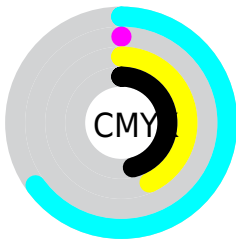
# Distribution



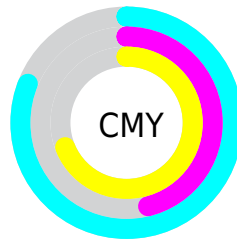
- Red (19%)
- Green (54%)
- Blue (31%)



- Red (19%)
- Yellow (45%)
- Blue (54%)



- Cyan (65%)
- Magenta (0%)
- Yellow (43%)
- Black (46%)



- Cyan (81%)
- Magenta (46%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 308A4F 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 308A4F by changing the saturation by 10% instead.



 308A4F

 308A4F

FFFFFF

 0A7038

 68C081

 005721

 84DC9B

 003F0B

 A0F9B6

 002900

 BCFFD2

 000800

 D9FFEE

 000000

 F6FFFF

 308A4F

 308A4F

 228A46

 3E8A58

■ 148A3D

■ 4C8A61

■ 078A34

■ 598A6A

■ 008A30

■ 678A73

■ 758A7C

■ 838A85

■ 918A8E

■ 9E8A97

■ AC8AA0

# Harmonies

## Analogous

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



68832F



308A4F



008D78

# Triad

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



308A4F



0B7ECA



C15A55

# Complementary

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



308A4F



8A306B

# 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.



C1567C



308A4F



7970C0

# Square

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



308A4F



0088BE



AA5FA3



AF6834

# Rectangle

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



308A4F



008D93



AA5FA3



C45761



# Sweetspot

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



308A4F



8FB39B



6C8A30



44594B



D9D9D9



595959



# Same Dimension

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



308A4F



27B357



308A7B



3E4540



00852E



000502



# Inverse Universe

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



8A306B



B32783



8A303F



453E42



850057



050003



# Previews

## White Background



This preview shows how the Hex color 308A4F looks on a white background.

## Color Contrast Check

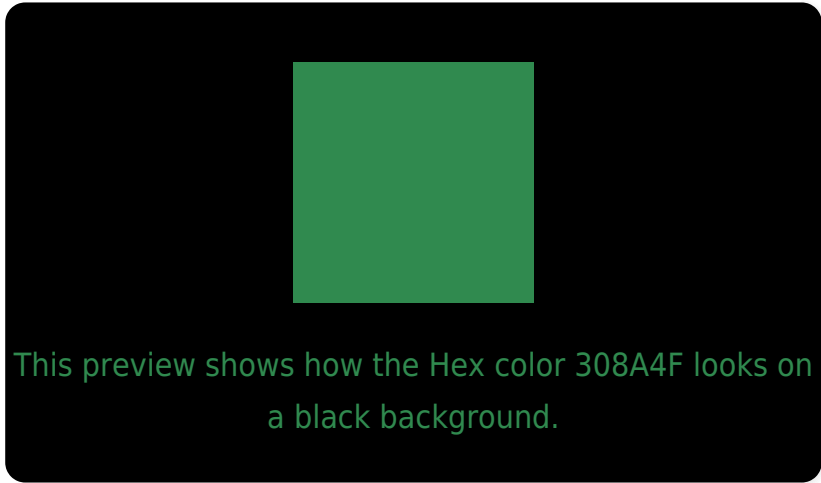
Large Text (above 18pt) WCAG AA ✓ Pass

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 308A4F Background



This preview shows how black text looks on a background with the Hex color 308A4F.



This preview shows how white text looks on a background with the Hex color 308A4F.

# 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**  
308A4F

**Protanopia**  
847949

**Deuteranopia**  
907454



**Tritanopia**  
44838D

# Trichromacy



**Original Color**  
308A4F

**Protanomaly**  
657F4B

**Deuteranomaly**  
6D7C52

**Tritanomaly**  
3D8676

# Monochromacy



**Original Color**  
308A4F

**Achromatopsia**  
686868

**Achromatomaly**  
54745F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 308A4F 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 #308A4F looks like.

```
.text, #text, p{  
    color:#308A4F  
}
```

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 #308A4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #308A4F
}
```

## Border

The CSS property to change the border of an element to Hex 308A4F 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
#308A4F }
```

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

```
.border{ border-color:#308A4F }
```

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

Here you see how a box with a 4 pixel #308A4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #308A4F; -webkit-box-shadow:4px 4px  
4px 4px #308A4F; box-shadow:4px 4px 4px  
4px #308A4F }
```

# Background

The CSS property to change the background color of an element to Hex 308A4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#308A4F }
```

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

```
.background{ background-color:#308A4F }
```

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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