

# Converting Colors

Hex(308D54)

Have a look what the booklet for  
Hex(308D54) contains.

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**Color**

**Hex(308D54)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	308D54
RGB	48, 141, 84
RGB Percent	19%, 55%, 33%
CMY	0.8118, 0.4471, 0.6706
CMYK	0.66, 0.00, 0.40, 0.45
HSL	143°, 49%, 37%
HSV	143°, 66%, 55%
XYZ	12.3440, 20.3182, 11.6587
YIQ	106.6950, -37.1310, -37.4430

# Conversions

## Conversions Part 2

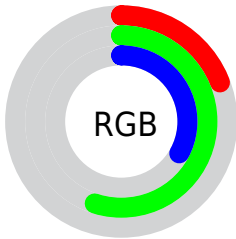
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 115, 141
Decimal	3181908
CIE <sub>Lab</sub>	52.20, -40.74, 22.61
CIE <sub>LCh</sub>	52, 46.589, 150.973
Yxy	20.3182, 0.2785, 0.4584
Android (android.graphics.Color)	4281371988 (0xFF308D54)
YUV	106.6950, -11.1886, -51.4755
Hunter-Lab	45.0757, -30.0002, 16.2178

# Details

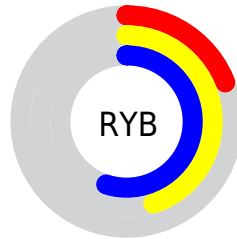
The Hex color **308D54** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8D3069**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **69C386**, and **005A26** is the 20% darker color. If you saturate the color by 10%, you get **228D4B**, and if you desaturate by 10%, it is **3E8D5D**.

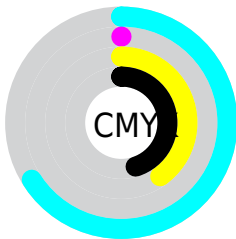
# Distribution



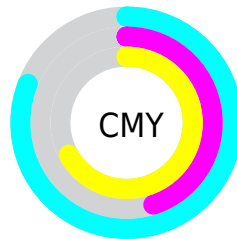
- Red (19%)
- Green (55%)
- Blue (33%)



- Red (19%)
- Yellow (45%)
- Blue (55%)



- Cyan (66%)
- Magenta (0%)
- Yellow (40%)
- Black (45%)



- Cyan (81%)
- Magenta (45%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 308D54 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 308D54 by changing the saturation by 10% instead.





308D54



308D54

FFFFFF



08733C



69C386



005A26



84E0A1



004110



A0FDBC



002B00



BDFFD8



000E00



DAFFF4



000000



F7FFFF



308D54



308D54



228D4B



3E8D5D

■ 148D43

■ 4C8D65

■ 068D3A

■ 5A8D6E

■ 008D37

■ 688D77

■ 778D7F

■ 858D88

■ 938D90

■ A18D99

■ AF8DA2

# Harmonies

## Analogous

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



698634



308D54



00907D

# Triad

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



308D54



2580CC



C45E56

# Complementary

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



308D54



8D3069

# 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.



C4597D



308D54



8071C1

# Square

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



308D54



008BC2



AE61A4



B16C36

# Rectangle

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



308D54



009098



AE61A4



C65B62



# Sweetspot

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



308D54



93B8A1



698D30



465C4E



DBDBDB



5C5C5C



# Same Dimension

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



308D54



27B85F



308D82



404743



008734



000803



# Inverse Universe

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



8D3069



B8277F



8D303B



474045



870053



080005



# Previews

## White Background



This preview shows how the Hex color 308D54 looks on a white background.

## Color Contrast Check

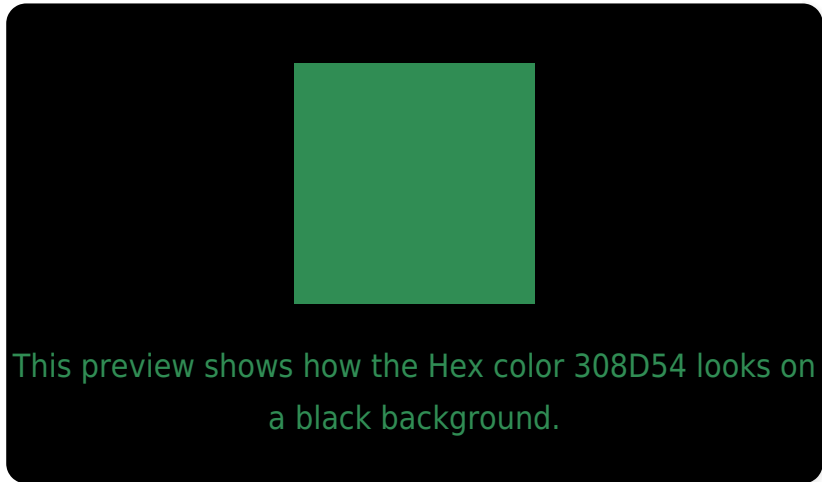
Large Text (above 18pt) WCAG AA ✓ Pass

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 308D54 Background



This preview shows how black text looks on a background with the Hex color 308D54.



This preview shows how white text looks on a background with the Hex color 308D54.

# 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**  
308D54

**Protanopia**  
877C4D

**Deuteranopia**  
937659



**Tritanopia**  
448691

# Trichromacy



**Original Color**  
308D54



**Protanomaly**  
678250



**Deuteranomaly**  
6F7E57



**Tritanomaly**  
3D897B

# Monochromacy



**Original Color**  
308D54



**Achromatopsia**  
6B6B6B



**Achromatomaly**  
567763

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 308D54 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 #308D54 looks like.

```
.text, #text, p{  
    color:#308D54  
}
```

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 #308D54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #308D54
}
```

## Border

The CSS property to change the border of an element to Hex 308D54 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
#308D54 }
```

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

```
.border{ border-color:#308D54 }
```

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

Here you see how a box with a 4 pixel #308D54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #308D54; -webkit-box-shadow:4px 4px  
4px 4px #308D54; box-shadow:4px 4px 4px  
4px #308D54 }
```

# Background

The CSS property to change the background color of an element to Hex 308D54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#308D54 }
```

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

```
.background{ background-color:#308D54 }
```

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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