

Converting Colors

Hex(308E64)

Have a look what the booklet for
Hex(308E64) contains.

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Color

Hex(308E64)

Conversions

Conversions Part 1

Format	Color
Hex	308E64
RGB	48, 142, 100
RGB Percent	19%, 56%, 39%
CMY	0.8118, 0.4431, 0.6078
CMYK	0.66, 0.00, 0.30, 0.44
HSL	153°, 49%, 37%
HSV	153°, 66%, 56%
XYZ	13.1922, 20.8945, 15.3943
YIQ	109.1060, -42.5420, -32.9900

Conversions

Conversions Part 2

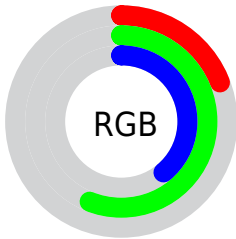
Format	Color
R_{YB}	48, 109, 142
Decimal	3182180
CIE _{Lab}	52.83, -37.82, 14.49
CIE _{LCh}	53, 40.499, 159.039
Yxy	20.8945, 0.2666, 0.4223
Android (android.graphics.Color)	4281372260 (0xFF308E64)
YUV	109.1060, -4.4893, -53.5900
Hunter-Lab	45.7105, -28.4777, 12.0297

Details

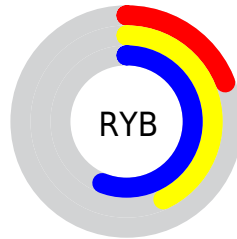
The Hex color **308E64** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8E305A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **69C497**, and **005B35** is the 20% darker color. If you saturate the color by 10%, you get **228E5E**, and if you desaturate by 10%, it is **3E8E6A**.

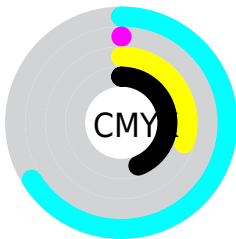
Distribution



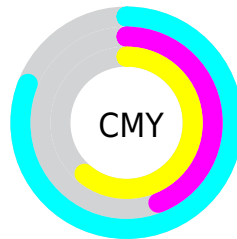
- Red (19%)
- Green (56%)
- Blue (39%)



- Red (19%)
- Yellow (43%)
- Blue (56%)



- Cyan (66%)
- Magenta (0%)
- Yellow (30%)
- Black (44%)



- Cyan (81%)
- Magenta (44%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 308E64 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 308E64 by changing the saturation by 10% instead.



308E64



308E64

FFFFFF



08744C



69C497



005B35



85E1B2



00421F



A1FECF



002C09



BDFFEA



001200



DAFFFF



000000



F7FFFF



308E64



308E64



228E5E



3E8E6A

■ 148E57

■ 4C8E71

■ 058E51

■ 5B8E77

■ 008E4F

■ 698E7D

■ 778E84

■ 858E8A

■ 938E90

■ A28E97

■ B08E9D

Harmonies

Analogous

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



638946



308E64



009088

Triad

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



308E64



567EC3



BB6754

Complementary

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



308E64



8E305A

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.



BF6175



308E64



8F71B4

Square

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



308E64



0088BF



B16598



A7733D

Rectangle

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



308E64



008F9F



B16598



BE645E

Sweetspot

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



308E64



93B8A7



5A8E30



465C52



DBDBDB



5C5C5C

Same Dimension

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



308E64



27B877



30898E



404744



00874B



000804

Inverse Universe

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



8E305A



B82767



8E3530



474043



87003C



080003

Previews

White Background



This preview shows how the Hex color 308E64 looks on a white background.

Color Contrast Check

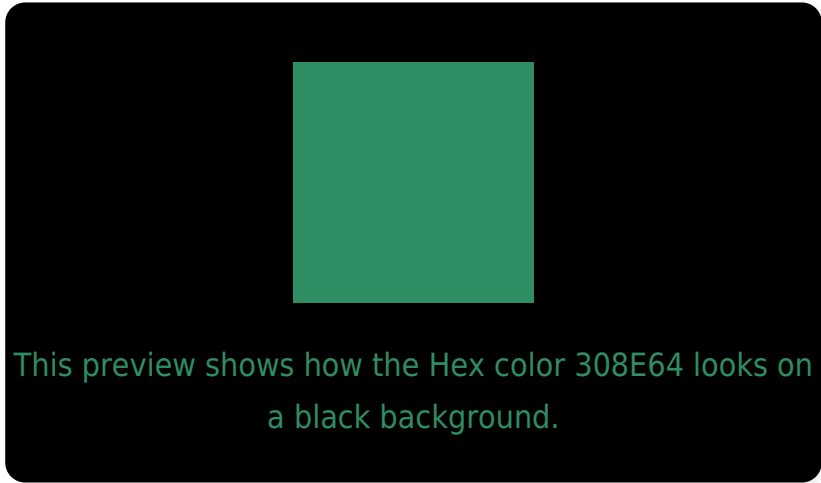
Large Text (above 18pt) WCAG AA ✓ Pass

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 308E64 Background



This preview shows how black text looks on a background with the Hex color 308E64.

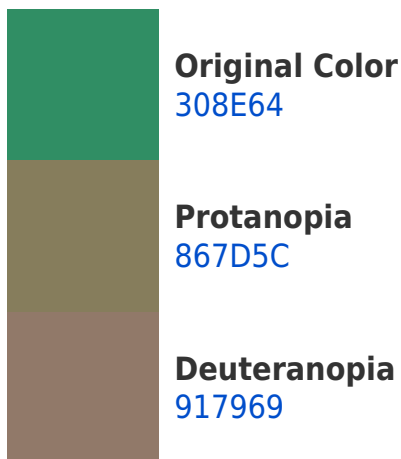


This preview shows how white text looks on a background with the Hex color 308E64.

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
428893

Trichromacy



Original Color
308E64

Protanomaly
67835F

Deuteranomaly
6E8167

Tritanomaly
3B8A82

Monochromacy



Original Color
308E64

Achromatopsia
6D6D6D

Achromatomaly
57796A

CSS Examples

Text

The CSS property to change the color of the text to Hex 308E64 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 #308E64 looks like.

```
.text, #text, p{  
    color:#308E64  
}
```

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 #308E64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #308E64  
}
```

Border

The CSS property to change the border of an element to Hex 308E64 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  
#308E64 }
```

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

```
.border{ border-color:#308E64 }
```

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

Here you see how a box with a 4 pixel #308E64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #308E64; -webkit-box-shadow:4px 4px  
4px 4px #308E64; box-shadow:4px 4px 4px  
4px #308E64 }
```

Background

The CSS property to change the background color of an element to Hex 308E64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#308E64 }
```

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

```
.background{ background-color:#308E64 }
```

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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