

Converting Colors

Hex(308066)

Have a look what the booklet for
Hex(308066) contains.

Hex(308066)	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(308066)

Conversions

Conversions Part 1

Format	Color
Hex	308066
RGB	48, 128, 102
RGB Percent	19%, 50%, 40%
CMY	0.8118, 0.4980, 0.6000
CMYK	0.62, 0.00, 0.20, 0.50
HSL	160°, 45%, 35%
HSV	160°, 62%, 50%
XYZ	11.3364, 17.0260, 15.2592
YIQ	101.1160, -39.3340, -25.0460

Conversions

Conversions Part 2

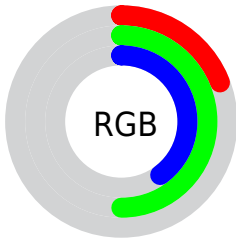
Format	Color
RYB	48, 96, 128
Decimal	3178598
CIELab	48.29, -31.00, 6.96
CIElCh	48, 31.776, 167.340
Yxy	17.0260, 0.2599, 0.3903
Android (android.graphics.Color)	4281368678 (0xFF308066)
YUV	101.1160, 0.4358, -46.5827
Hunter-Lab	41.2626, -23.1690, 6.9579

Details

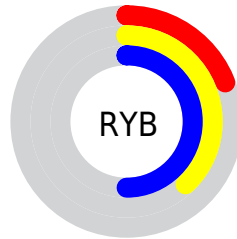
The Hex color **308066** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **80304A**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **67B599**, and **004E37** is the 20% darker color. If you saturate the color by 10%, you get **238062**, and if you desaturate by 10%, it is **3D806A**.

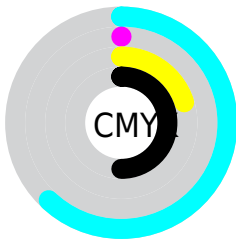
Distribution



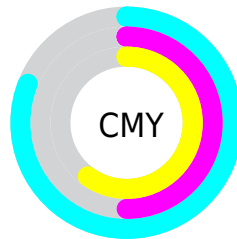
- Red (19%)
- Green (50%)
- Blue (40%)



- Red (19%)
- Yellow (38%)
- Blue (50%)



- Cyan (62%)
- Magenta (0%)
- Yellow (20%)
- Black (50%)



- Cyan (81%)
- Magenta (50%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 308066 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 308066 by changing the saturation by 10% instead.

 308066

 308066

FFFFFF

 0E674E

 67B599

 004E37

 82D1B4

 003622

 9DEECF

 00220C

 B9FFEB

 000000

 D6FFFF

 F3FFFF

 308066

 308066

 238062

 3D806A

■ 16805E

■ 4A806E

■ 0A805A

■ 568072

■ 008056

■ 638077

■ 70807B

■ 7D807F

■ 8A8083

■ 968087

■ A3808B

Harmonies

Analogous

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



567C4D



308066



008182

Triad

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



308066



6470A6



A0644C

Complementary

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



308066



80304A

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.



A65E64



308066



896697

Square

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



308066



3179A7



9F5E7F



8E6D3E

Rectangle

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



308066



008092



9F5E7F



A36153

Sweetspot

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



308066



86A69C



4B8030



41544E



D4D4D4



545454

Same Dimension

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



308066



29A67D



307380



39403E



008056



000000

Inverse Universe

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



80304A



A62952



803D30



40393B



800029



000000

Previews

White Background



This preview shows how the Hex color 308066 looks on a white background.

Color Contrast Check

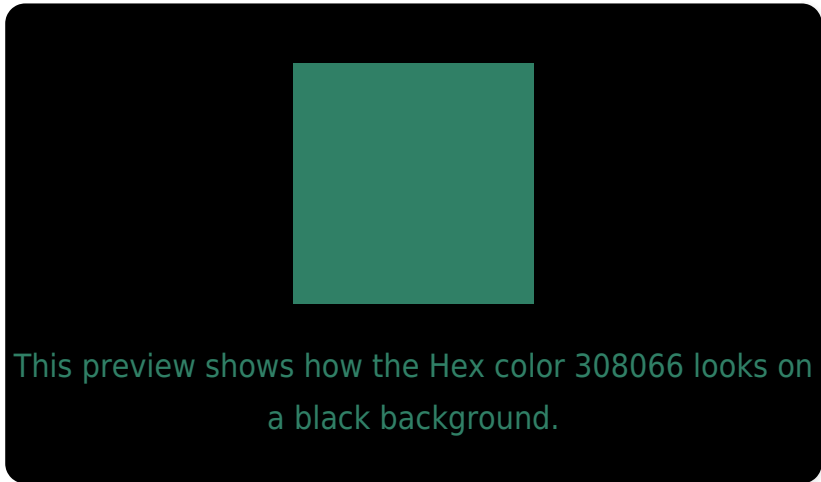
Large Text (above 18pt) WCAG AA ✓ Pass

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

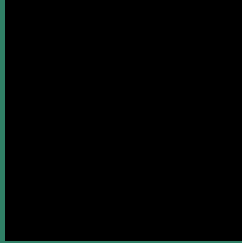
Any Text WCAG AA × Fail

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 308066 Background



This preview shows how black text looks on a background with the Hex color 308066.

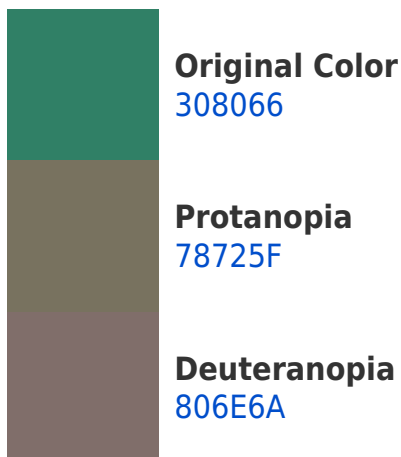


This preview shows how white text looks on a background with the Hex color 308066.

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
3C7C86

Trichromacy



Original Color
308066

Protanomaly
5E7762

Deuteranomaly
637569

Tritanomaly
387D7A

Monochromacy



Original Color
308066

Achromatopsia
656565

Achromatomaly
526F65

CSS Examples

Text

The CSS property to change the color of the text to Hex 308066 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 #308066 looks like.

```
.text, #text, p{  
    color:#308066  
}
```

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 #308066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #308066  
}
```

Border

The CSS property to change the border of an element to Hex 308066 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  
#308066 }
```

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

```
.border{ border-color:#308066 }
```

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

Here you see how a box with a 4 pixel #308066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #308066; -webkit-box-shadow:4px 4px  
4px 4px #308066; box-shadow:4px 4px 4px  
4px #308066 }
```

Background

The CSS property to change the background color of an element to Hex 308066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#308066 }
```

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

```
.background{ background-color:#308066 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor