

Converting Colors

Hex(308F6D)

Have a look what the booklet for
Hex(308F6D) contains.

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Color

Hex(308F6D)

Conversions

Conversions Part 1

Format	Color
Hex	308F6D
RGB	48, 143, 109
RGB Percent	19%, 56%, 43%
CMY	0.8118, 0.4392, 0.5725
CMYK	0.66, 0.00, 0.24, 0.44
HSL	159°, 50%, 37%
HSV	159°, 66%, 56%
XYZ	13.8017, 21.3774, 17.8668
YIQ	110.7190, -45.7060, -30.7140

Conversions

Conversions Part 2

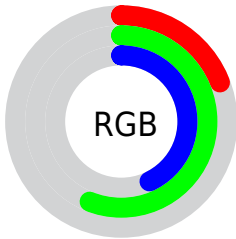
Format	Color
RYB	48, 106, 143
Decimal	3182445
CIELab	53.36, -36.16, 10.09
CIELCh	53, 37.542, 164.406
Yxy	21.3774, 0.2602, 0.4030
Android (android.graphics.Color)	4281372525 (0xFF308F6D)
YUV	110.7190, -0.8475, -55.0046
Hunter-Lab	46.2357, -27.6290, 9.4536

Details

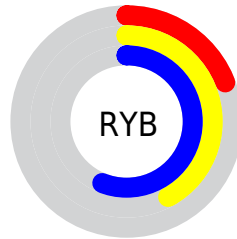
The Hex color **308F6D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8F3052**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **69C5A1**, and **005C3D** is the 20% darker color. If you saturate the color by 10%, you get **228F68**, and if you desaturate by 10%, it is **3E8F72**.

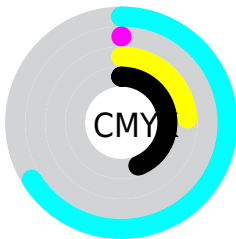
Distribution



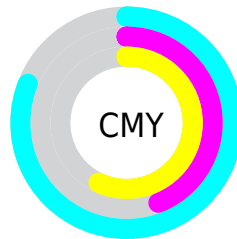
- Red (19%)
- Green (56%)
- Blue (43%)



- Red (19%)
- Yellow (42%)
- Blue (56%)



- Cyan (66%)
- Magenta (0%)
- Yellow (24%)
- Black (44%)



- Cyan (81%)
- Magenta (44%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 308F6D 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 308F6D by changing the saturation by 10% instead.

 308F6D

 308F6D

FFFFFF

 077555

 69C5A1

 005C3D

 85E2BC

 004328

 A1FFD7

 002D13

 BEFFF4

 001400

 DBFFFF

 000000

 F8FFFF

 308F6D

 308F6D

 228F68

 3E8F72

■ 138F63

■ 4D8F77

■ 058F5E

■ 5B8F7C

■ 008F5C

■ 698F81

■ 788F87

■ 868F8C

■ 948F91

■ A28F96

■ B18F9B

Harmonies

Analogous

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



608A50



308F6D



00908E

Triad

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



308F6D



677DBE



B66C54

Complementary

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



308F6D



8F3052

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.



BD6571



308F6D



9671AE

Square

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



308F6D



1888BD



B36792



A27841

Rectangle

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



308F6D



008FA3



B36792



BA695D

Sweetspot

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



308F6D



95BAAD



538F30



485E56



DEDEDE



5E5E5E

Same Dimension

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



308F6D



25BA85



30828F



404745



008757



000805

Inverse Universe

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



8F3052



BA255B



8F3D30



474043



870030



080003

Previews

White Background



This preview shows how the Hex color 308F6D looks on a white background.

Color Contrast Check

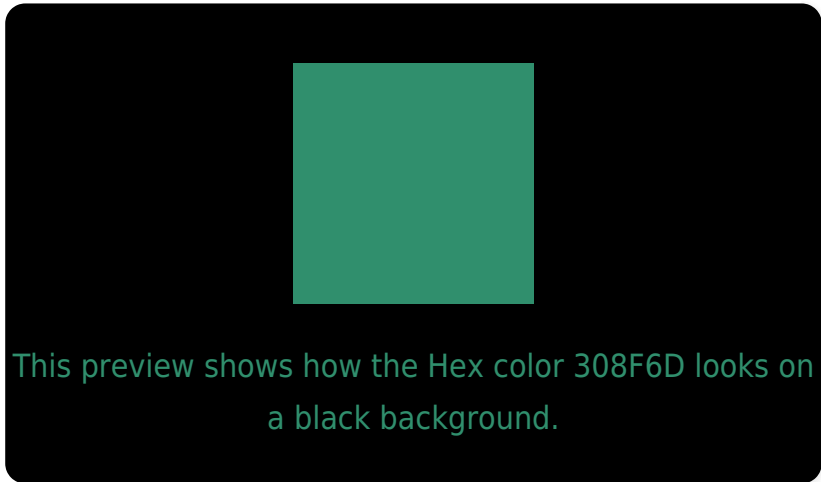
Large Text (above 18pt) WCAG AA ✓ Pass

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 308F6D Background



This preview shows how black text looks on a background with the Hex color 308F6D.



This preview shows how white text looks on a background with the Hex color 308F6D.

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
308F6D

Protanopia
877E65

Deuteranopia
907A72



Tritanopia
408A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 308F6D 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 #308F6D looks like.

```
.text, #text, p{  
    color:#308F6D  
}
```

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 #308F6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #308F6D
}
```

Border

The CSS property to change the border of an element to Hex 308F6D 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
#308F6D }
```

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

```
.border{ border-color:#308F6D }
```

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

Here you see how a box with a 4 pixel #308F6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #308F6D; -webkit-box-shadow:4px 4px  
4px 4px #308F6D; box-shadow:4px 4px 4px  
4px #308F6D }
```

Background

The CSS property to change the background color of an element to Hex 308F6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#308F6D }
```

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

```
.background{ background-color:#308F6D }
```

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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