

Converting Colors

Hex(304758)

Have a look what the booklet for
Hex(304758) contains.

Hex(304758)	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(304758)

Conversions

Conversions Part 1

Format	Color
Hex	304758
RGB	48, 71, 88
RGB Percent	19%, 28%, 35%
CMY	0.8118, 0.7216, 0.6549
CMYK	0.45, 0.19, 0.00, 0.65
HSL	206°, 29%, 27%
HSV	206°, 45%, 35%
XYZ	5.2336, 5.8394, 10.0838
YIQ	66.0610, -19.1650, 0.4110

Conversions

Conversions Part 2

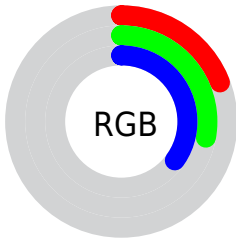
Format	Color
RYB	48, 63, 88
Decimal	3163992
CIELab	29.00, -3.76, -12.89
CIElCh	29, 13.431, 253.740
Yxy	5.8394, 0.2474, 0.2760
Android (android.graphics.Color)	4281354072 (0xFF304758)
YUV	66.0610, 10.8159, -15.8395
Hunter-Lab	24.1649, -3.6293, -7.8257

Details

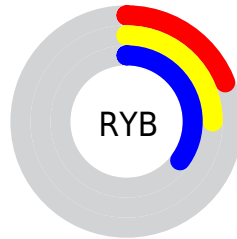
The Hex color **304758** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **584130**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **60778A**, and **011C2B** is the 20% darker color. If you saturate the color by 10%, you get **274358**, and if you desaturate by 10%, it is **394B58**.

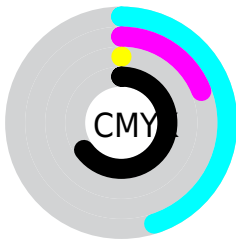
Distribution



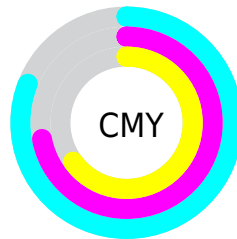
- Red (19%)
- Green (28%)
- Blue (35%)



- Red (19%)
- Yellow (25%)
- Blue (35%)



- Cyan (45%)
- Magenta (19%)
- Yellow (0%)
- Black (65%)



- Cyan (81%)
- Magenta (72%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 304758 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 304758 by changing the saturation by 10% instead.

■ 304758

■ 304758

FFFFFF

■ 193141

■ 60778A

■ 011C2B

■ 7A91A4

■ 000116

■ 94ABBF

■ 000000

■ AFC7DB

■ CAE3F8

■ E7FFFF

■ 304758

■ 304758

■ 274358

■ 394B58

■ 1E4058

■ 424E58

■ 163C58

■ 4A5258

■ 0D3858

■ 535658

■ 043458

■ 5C5A58

■ 003358

■ 655D58

■ 6E6158

■ 766558

■ 7F6958

Harmonies

Analogous

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



274952



304758



3E4458

Triad

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



304758



593D40



3B4835

Complementary

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



304758



584130

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.



474530



304758



583F36

Square

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



304758



553D4A



514231



304A3E

Rectangle

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



304758



484156



514231



3F4733

Sweetspot

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



304758



636C73



305841



31363B



BABABA



3B3B3B

Same Dimension

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



304758



345873



303358



272A2B



003E6B



0087EB

Inverse Universe

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



583047



733458



585530



2B272A



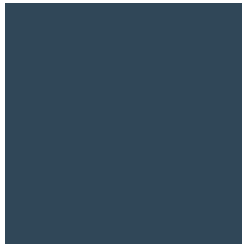
6B003E



EB0087

Previews

White Background



This preview shows how the Hex color 304758 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

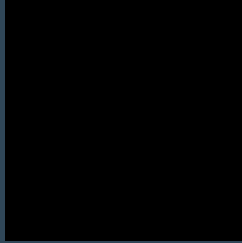
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

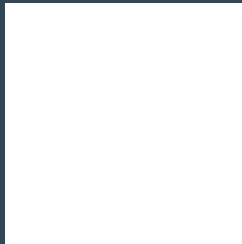
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 304758 Background



This preview shows how black text looks on a background with the Hex color 304758.



This preview shows how white text looks on a background with the Hex color 304758.

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](#).

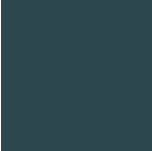
Dichromacy



Original Color
304758

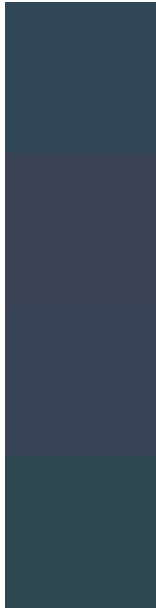
Protanopia
404355

Deuteranopia
404359



Tritanopia
2D494F

Trichromacy



Original Color
304758

Protanomaly
3A4456

Deuteranomaly
3A4459

Tritanomaly
2E4852

Monochromacy



Original Color
304758

Achromatopsia
424242

Achromatomaly
3B444A

CSS Examples

Text

The CSS property to change the color of the text to Hex 304758 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 #304758 looks like.

```
.text, #text, p{  
    color:#304758  
}
```

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 #304758 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #304758
}
```

Border

The CSS property to change the border of an element to Hex 304758 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
#304758 }
```

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

```
.border{ border-color:#304758 }
```

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

Here you see how a box with a 4 pixel #304758 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #304758; -webkit-box-shadow:4px 4px  
4px 4px #304758; box-shadow:4px 4px 4px  
4px #304758 }
```

Background

The CSS property to change the background color of an element to Hex 304758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#304758 }
```

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

```
.background{ background-color:#304758 }
```

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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