

Converting Colors

Hex(304356)

Have a look what the booklet for
Hex(304356) contains.

Hex(304356)	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(304356)

Conversions

Conversions Part 1

Format	Color
Hex	304356
RGB	48, 67, 86
RGB Percent	19%, 26%, 34%
CMY	0.8118, 0.7373, 0.6627
CMYK	0.44, 0.22, 0.00, 0.66
HSL	210°, 28%, 26%
HSV	210°, 44%, 34%
XYZ	4.9058, 5.3146, 9.5714
YIQ	63.4850, -17.4230, 1.8810

Conversions

Conversions Part 2

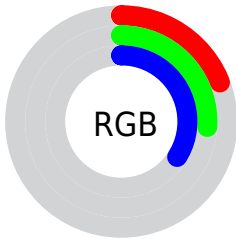
Format	Color
R_{YB}	48, 61, 86
Decimal	3162966
CIE _{Lab}	27.61, -1.82, -13.73
CIE _{LCh}	28, 13.853, 262.438
Yxy	5.3146, 0.2479, 0.2685
Android (android.graphics.Color)	4281353046 (0xFF304356)
YUV	63.4850, 11.0999, -13.5803
Hunter-Lab	23.0534, -2.3583, -8.4788

Details

The Hex color **304356** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **564330**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **607388**, and **021829** is the 20% darker color. If you saturate the color by 10%, you get **273F56**, and if you desaturate by 10%, it is **394756**.

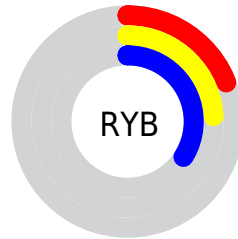
Distribution



Red (19%)

Green (26%)

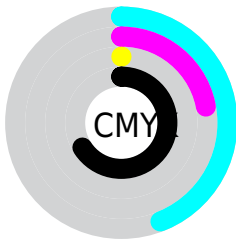
Blue (34%)



Red (19%)

Yellow (24%)

Blue (34%)

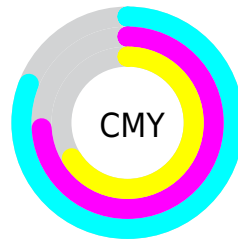


Cyan (44%)

Magenta (22%)

Yellow (0%)

Black (66%)



Cyan (81%)

Magenta (74%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 304356 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 304356 by changing the saturation by 10% instead.

■ 304356

■ 304356

FFFFFF

■ 192D3F

■ 607388

■ 021829

■ 798CA2

■ 000114

■ 93A7BD

■ 000000

■ AEC2D9

■ CADEF5

■ E6FAFF

■ 304356

■ 304356

■ 273F56

■ 394756

■ 1F3A56

■ 414C56

■ 163656

■ 4A5056

■ 0E3256

■ 525456

■ 052E56

■ 5B5956

■ 002B56

■ 645D56

■ 6C6156

■ 756556

■ 7D6A56

Harmonies

Analogous

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



244652



304356



3F3F55

Triad

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



304356



573A3A



344634

Complementary

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



304356



564330

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.



41432D



304356



533C31

Square

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



304356



543A44



4B402C



29473E

Rectangle

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



304356



483D51



4B402C



384531

Sweetspot

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



304356



626970



305643



2F3438



B8B8B8



383838

Same Dimension

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



304356



355270



303056



27292B



00366B



0075EB

Inverse Universe

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



563043



703552



565630



2B2729



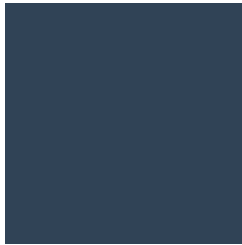
6B0036



EB0075

Previews

White Background



This preview shows how the Hex color 304356 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

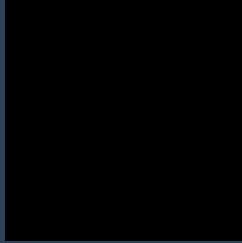
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

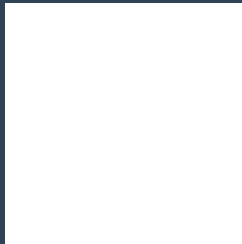
Any Text WCAG AAA × Fail

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

Hex 304356 Background



This preview shows how black text looks on a background with the Hex color 304356.



This preview shows how white text looks on a background with the Hex color 304356.

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](#).

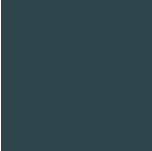
Dichromacy



Original Color
304356

Protanopia
3C4054

Deuteranopia
3B4057



Tritanopia
2D454B

Trichromacy



Original Color

304356

Protanomaly

384155

Deuteranomaly

374157

Tritanomaly

2E444F

Monochromacy



Original Color

304356

Achromatopsia

3F3F3F

Achromatomaly

3A4047

CSS Examples

Text

The CSS property to change the color of the text to Hex 304356 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 #304356 looks like.

```
.text, #text, p{  
    color:#304356  
}
```

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 #304356 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #304356
}
```

Border

The CSS property to change the border of an element to Hex 304356 is called "border". The border property can be set on classes, ids or directly on the HTML element.

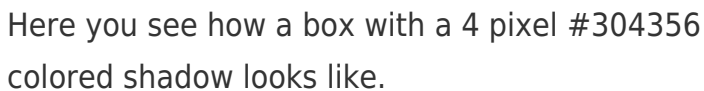
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#304356 }
```

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

```
.border{ border-color:#304356 }
```

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



Here you see how a box with a 4 pixel #304356 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #304356; -webkit-box-shadow:4px 4px  
4px 4px #304356; box-shadow:4px 4px 4px  
4px #304356 }
```

Background

The CSS property to change the background color of an element to Hex 304356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#304356 }
```

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

```
.background{ background-color:#304356 }
```

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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