

Converting Colors

Hex(304632)

Have a look what the booklet for
Hex(304632) contains.

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Color

Hex(304632)

Conversions

Conversions Part 1

Format	Color
Hex	304632
RGB	48, 70, 50
RGB Percent	19%, 27%, 20%
CMY	0.8118, 0.7255, 0.8039
CMYK	0.31, 0.00, 0.29, 0.73
HSL	125°, 19%, 23%
HSV	125°, 31%, 27%
XYZ	3.9848, 5.2390, 3.8188
YIQ	61.1420, -6.6920, -10.8840

Conversions

Conversions Part 2

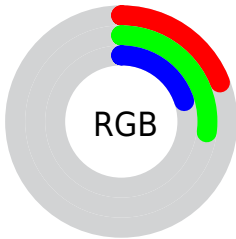
Format	Color
RYB	48, 68, 70
Decimal	3163698
CIELab	27.41, -13.39, 9.37
CIELCh	27, 16.346, 145.024
Yxy	5.2390, 0.3055, 0.4017
Android (android.graphics.Color)	4281353778 (0xFF304632)
YUV	61.1420, -5.4930, -11.5255
Hunter-Lab	22.8888, -8.9797, 6.1301

Details

The Hex color **304632** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **463044**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **5F7660**, and **031B04** is the 20% darker color. If you saturate the color by 10%, you get **29462C**, and if you desaturate by 10%, it is **374638**.

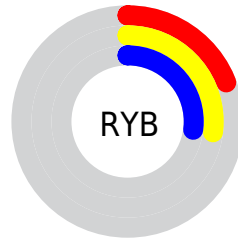
Distribution



Red (19%)

Green (27%)

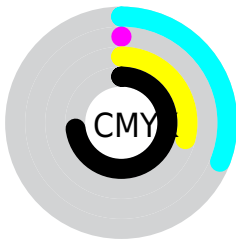
Blue (20%)



Red (19%)

Yellow (27%)

Blue (27%)

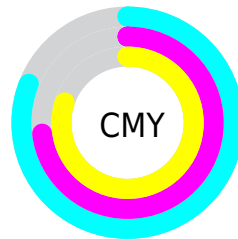


Cyan (31%)

Magenta (0%)

Yellow (29%)

Black (73%)



Cyan (81%)

Magenta (73%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 304632 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 304632 by changing the saturation by 10% instead.

■ 304632

■ 304632

FFFFFF

■ 1A301D

■ 5F7660

■ 031B04

■ 789079

■ 000000

■ 92AB93

■ ACC6AD

■ C8E2C9

■ E4FFE5

■ 304632

■ 304632

■ 29462C

■ 374638

■ 224625

■ 3E463F

■ 1B461F

■ 454645

■ 144619

■ 4C464B

■ 0D4612

■ 534652

■ 06460C

■ 5A4658

■ 004606

■ 61465F

■ 684665

■ 6F466B

Harmonies

Analogous

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



3E432A



304632



21473E

Triad

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



304632



2D4359



593837

Complementary

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



304632



463044

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.



583743



304632



403E57

Square

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



304632



1B4655



4F3A4F



553B2D

Rectangle

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



304632



194847



4F3A4F



5A373B

Sweetspot

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



304632



545C54



444630



292E29



ADADAD



2E2E2E

Same Dimension

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



304632



395C3C



30463D



202420



006309



00E315

Inverse Universe

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



463044



5C3959



463039



242023



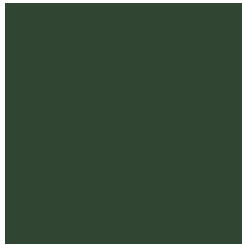
63005A



E300CE

Previews

White Background



This preview shows how the Hex color 304632 looks on a white background.

Color Contrast Check

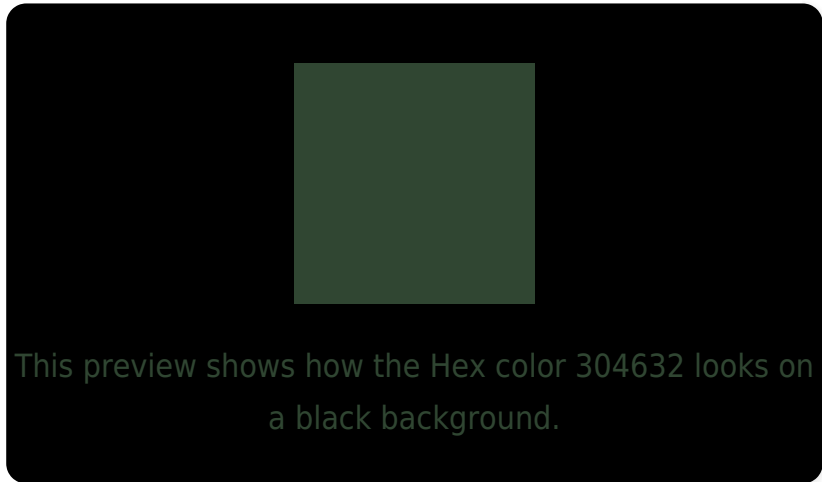
Large Text (above 18pt) WCAG AA ✓ Pass

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

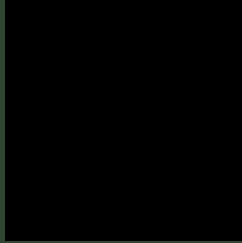
Any Text WCAG AA × Fail

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 304632 Background



This preview shows how black text looks on a background with the Hex color 304632.



This preview shows how white text looks on a background with the Hex color 304632.

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](#).

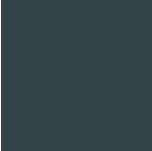
Dichromacy



Original Color
304632

Protanopia
454030

Deuteranopia
4B3E34



Tritanopia
344348

Trichromacy



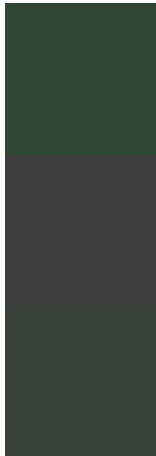
Original Color
304632

Protanomaly
3D4231

Deuteranomaly
414133

Tritanomaly
334440

Monochromacy



Original Color
304632

Achromatopsia
3D3D3D

Achromatomaly
384039

CSS Examples

Text

The CSS property to change the color of the text to Hex 304632 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 #304632 looks like.

```
.text, #text, p{  
    color:#304632  
}
```

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 #304632 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #304632
}
```

Border

The CSS property to change the border of an element to Hex 304632 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".

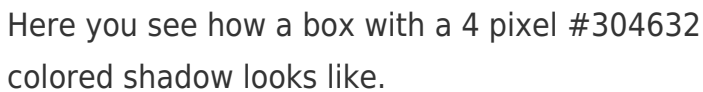
```
.border, #border, table{ border:4px solid
#304632 }
```

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

```
.border{ border-color:#304632 }
```

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

Here you see how a box with a 4 pixel #304632 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #304632; -webkit-box-shadow:4px 4px  
4px 4px #304632; box-shadow:4px 4px 4px  
4px #304632 }
```

Background

The CSS property to change the background color of an element to Hex 304632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#304632 }
```

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

```
.background{ background-color:#304632 }
```

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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