

Converting Colors

Hex(304C2A)

Have a look what the booklet for
Hex(304C2A) contains.

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Color

Hex(304C2A)

Conversions

Conversions Part 1

Format	Color
Hex	304C2A
RGB	48, 76, 42
RGB Percent	19%, 30%, 16%
CMY	0.8118, 0.7020, 0.8353
CMYK	0.37, 0.00, 0.45, 0.70
HSL	109°, 29%, 23%
HSV	109°, 45%, 30%
XYZ	4.2213, 5.9644, 3.1193
YIQ	63.7520, -5.7740, -16.5100

Conversions

Conversions Part 2

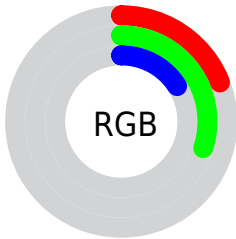
Format	Color
RYB	42, 76, 70
Decimal	3165226
CIELab	29.32, -18.29, 16.95
CIElCh	29, 24.932, 137.182
Yxy	5.9644, 0.3173, 0.4483
Android (android.graphics.Color)	4281355306 (0xFF304C2A)
YUV	63.7520, -10.7237, -13.8145
Hunter-Lab	24.4222, -11.8857, 9.5229

Details

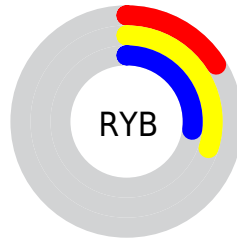
The Hex color **304C2A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **462A4C**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **607D58**, and **042000** is the 20% darker color. If you saturate the color by 10%, you get **2A4C22**, and if you desaturate by 10%, it is **364C32**.

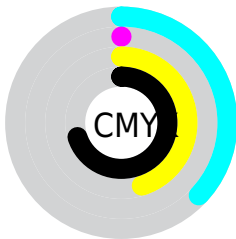
Distribution



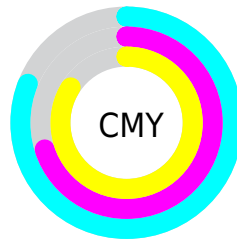
- Red (19%)
- Green (30%)
- Blue (16%)



- Red (16%)
- Yellow (30%)
- Blue (27%)



- Cyan (37%)
- Magenta (0%)
- Yellow (45%)
- Black (70%)



- Cyan (81%)
- Magenta (70%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 304C2A 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 304C2A by changing the saturation by 10% instead.



304C2A



304C2A

FFFFFF



1A3515



607D58



042000



799770



000000



93B28A



AECDA4



C9EAC0



E5FFDB



FFFFFF8



304C2A



304C2A

■ 2A4C22

■ 364C32

■ 234C1B

■ 3D4C39

■ 1D4C13

■ 434C41

■ 174C0C

■ 494C48

■ 114C04

■ 4F4C50

■ 0D4C00

■ 564C58

■ 5C4C5F

■ 624C67

■ 684C6E

Harmonies

Analogous

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



46471F



304C2A



114E3C

Triad

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



304C2A



0D4A6A



6A363B

Complementary

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



304C2A



462A4C

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.



65364E



304C2A



3A436A

Square

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



304C2A



004D61



553C5F



653A2A

Rectangle

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



304C2A



004F49



553C5F



693541

Sweetspot

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



304C2A



596357



4C462A



2C332B



B3B3B3



333333

Same Dimension

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



304C2A



37632E



2A4C35



232622



126600



29E600

Inverse Universe

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



462A4C



5A2E63



4C2A41



262226



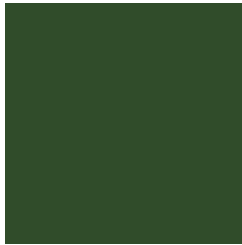
540066



BD00E6

Previews

White Background



This preview shows how the Hex color 304C2A looks on a white background.

Color Contrast Check

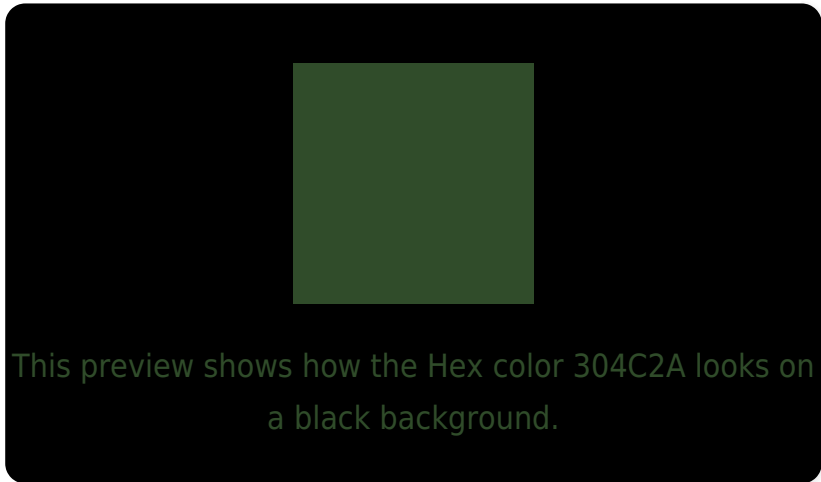
Large Text (above 18pt) WCAG AA ✓ Pass

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

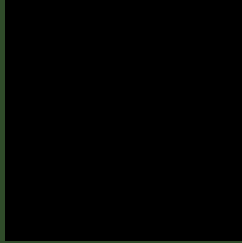
Any Text WCAG AA × Fail

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 304C2A Background



This preview shows how black text looks on a background with the Hex color 304C2A.



This preview shows how white text looks on a background with the Hex color 304C2A.

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
304C2A

Protanopia
4C4527

Deuteranopia
53422C



Tritanopia
36484E

Trichromacy



Original Color
304C2A

Protanomaly
424828

Deuteranomaly
46462B

Tritanomaly
344941

Monochromacy



Original Color
304C2A

Achromatopsia
404040

Achromatomaly
3A4438

CSS Examples

Text

The CSS property to change the color of the text to Hex 304C2A 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 #304C2A looks like.

```
.text, #text, p{  
    color:#304C2A  
}
```

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 #304C2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #304C2A
}
```

Border

The CSS property to change the border of an element to Hex 304C2A 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
#304C2A }
```

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

```
.border{ border-color:#304C2A }
```

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

Here you see how a box with a 4 pixel #304C2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #304C2A; -webkit-box-shadow:4px 4px  
4px 4px #304C2A; box-shadow:4px 4px 4px  
4px #304C2A }
```

Background

The CSS property to change the background color of an element to Hex 304C2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#304C2A }
```

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

```
.background{ background-color:#304C2A }
```

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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