

Converting Colors

Hex(304A29)

Have a look what the booklet for
Hex(304A29) contains.

Hex(304A29)	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(304A29)

Conversions

Conversions Part 1

Format	Color
Hex	304A29
RGB	48, 74, 41
RGB Percent	19%, 29%, 16%
CMY	0.8118, 0.7098, 0.8392
CMYK	0.35, 0.00, 0.45, 0.71
HSL	107°, 29%, 23%
HSV	107°, 45%, 29%
XYZ	4.0679, 5.6860, 2.9809
YIQ	62.4640, -4.9030, -15.7750

Conversions

Conversions Part 2

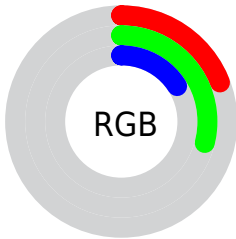
Format	Color
RYB	41, 74, 67
Decimal	3164713
CIELab	28.61, -17.37, 16.63
CIELCh	29, 24.047, 136.250
Yxy	5.6860, 0.3194, 0.4465
Android (android.graphics.Color)	4281354793 (0xFF304A29)
YUV	62.4640, -10.5818, -12.6849
Hunter-Lab	23.8454, -11.2780, 9.2799

Details

The Hex color **304A29** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **43294A**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **5F7B57**, and **031E00** is the 20% darker color. If you saturate the color by 10%, you get **2A4A22**, and if you desaturate by 10%, it is **364A30**.

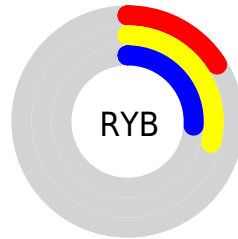
Distribution



Red (19%)

Green (29%)

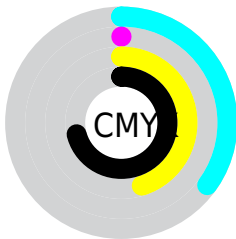
Blue (16%)



Red (16%)

Yellow (29%)

Blue (26%)

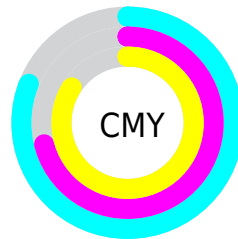


Cyan (35%)

Magenta (0%)

Yellow (45%)

Black (71%)



Cyan (81%)

Magenta (71%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 304A29 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 304A29 by changing the saturation by 10% instead.

 304A29

 304A29

FFFFFF

 1A3314

 5F7B57

 031E00

 78956F

 000000

 92AF89

 ADCBA3

 C9E7BE

 E5FFDA

 FFFFF7

 304A29

 304A29

■ 2A4A22

■ 364A30

■ 244A1A

■ 3C4A38

■ 1F4A13

■ 414A3F

■ 194A0B

■ 474A47

■ 134A04

■ 4D4A4E

■ 104A00

■ 534A55

■ 594A5D

■ 5F4A64

■ 644A6C

Harmonies

Analogous

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



45461F



304A29



144C3A

Triad

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



304A29



0D4867



67353A

Complementary

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



304A29



43294A

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.



62354D



304A29



384267

Square

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



304A29



004C5E



523B5D



623929

Rectangle

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



304A29



004D47



523B5D



663440

Sweetspot

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



304A29



576154



4A4329



2A3029



B0B0B0



303030

Same Dimension

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



304A29



38612D



294A32



232622



166600



31E600

Inverse Universe

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



43294A



562D61



4A2941



252226



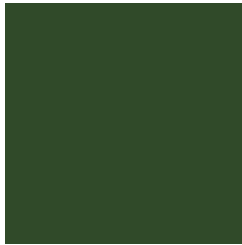
500066



B500E6

Previews

White Background



This preview shows how the Hex color 304A29 looks on a white background.

Color Contrast Check

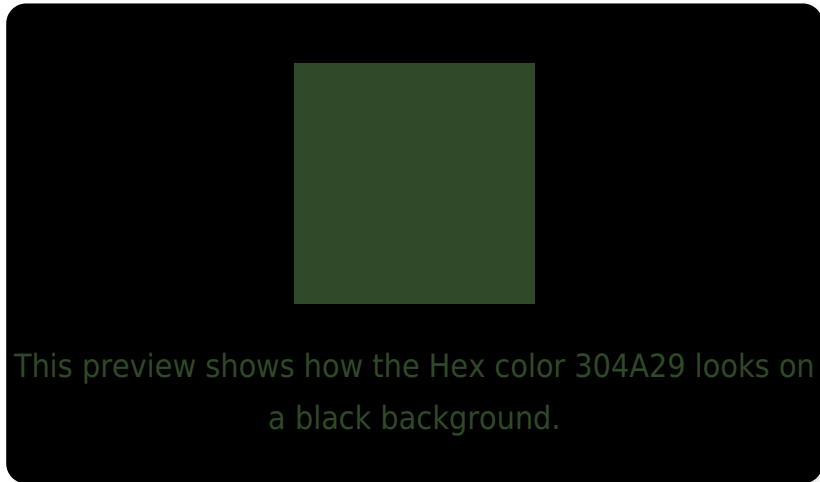
Large Text (above 18pt) WCAG AA ✓ Pass

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

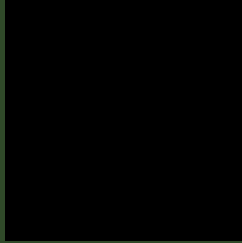
Any Text WCAG AA × Fail

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 304A29 Background



This preview shows how black text looks on a background with the Hex color 304A29.



This preview shows how white text looks on a background with the Hex color 304A29.

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](#).

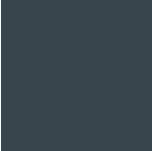
Dichromacy



Original Color
304A29

Protanopia
4A4327

Deuteranopia
51402B



Tritanopia
36464C

Trichromacy



Original Color
304A29

Protanomaly
414628

Deuteranomaly
45442A

Tritanomaly
34473F

Monochromacy



Original Color
304A29

Achromatopsia
3E3E3E

Achromatomaly
394236

CSS Examples

Text

The CSS property to change the color of the text to Hex 304A29 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 #304A29 looks like.

```
.text, #text, p{  
    color:#304A29  
}
```

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 #304A29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #304A29
}
```

Border

The CSS property to change the border of an element to Hex 304A29 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".

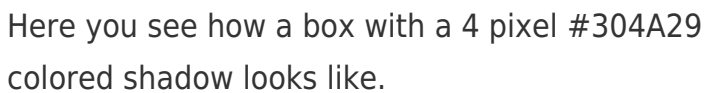
```
.border, #border, table{ border:4px solid
#304A29 }
```

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

```
.border{ border-color:#304A29 }
```

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

Here you see how a box with a 4 pixel #304A29 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #304A29; -webkit-box-shadow:4px 4px  
4px 4px #304A29; box-shadow:4px 4px 4px  
4px #304A29 }
```

Background

The CSS property to change the background color of an element to Hex 304A29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#304A29 }
```

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

```
.background{ background-color:#304A29 }
```

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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