

Converting Colors

Hex(304730)

Have a look what the booklet for
Hex(304730) contains.

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Color

Hex(304730)

Conversions

Conversions Part 1

Format	Color
Hex	304730
RGB	48, 71, 48
RGB Percent	19%, 28%, 19%
CMY	0.8118, 0.7216, 0.8118
CMYK	0.32, 0.00, 0.32, 0.72
HSL	120°, 19%, 23%
HSV	120°, 32%, 28%
XYZ	4.0057, 5.3483, 3.6175
YIQ	61.5010, -6.3250, -12.0290

Conversions

Conversions Part 2

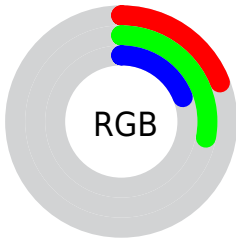
Format	Color
RYB	48, 71, 71
Decimal	3163952
CIELab	27.70, -14.38, 11.06
CIELCh	28, 18.142, 142.446
Yxy	5.3483, 0.3088, 0.4123
Android (android.graphics.Color)	4281354032 (0xFF304730)
YUV	61.5010, -6.6560, -11.8404
Hunter-Lab	23.1263, -9.5534, 6.9140

Details

The Hex color **304730** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **473047**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **5F785E**, and **031C01** is the 20% darker color. If you saturate the color by 10%, you get **294729**, and if you desaturate by 10%, it is **374737**.

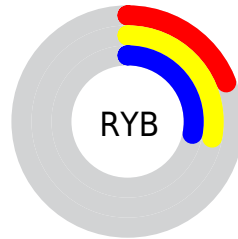
Distribution



Red (19%)

Green (28%)

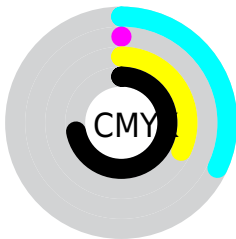
Blue (19%)



Red (19%)

Yellow (28%)

Blue (28%)

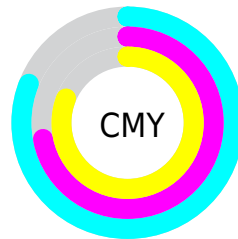


Cyan (32%)

Magenta (0%)

Yellow (32%)

Black (72%)



Cyan (81%)

Magenta (72%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 304730 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 304730 by changing the saturation by 10% instead.

■ 304730

■ 304730

FFFFFF

■ 1A301B

■ 5F785E

■ 031C01

■ 789177

■ 000000

■ 92AC91

■ ACC7AB

■ C8E3C6

■ E4FFE2

■ 304730

■ 304730

■ 294729

■ 374737

■ 224722

■ 3E473E

■ 1B471B

■ 454745

■ 144714

■ 4C474C

■ 0D470D

■ 544754

■ 054705

■ 5B475B

■ 004700

■ 624762

■ 694769

■ 704770

Harmonies

Analogous

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



404427



304730



1E493D

Triad

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



304730



28445D



5D3737

Complementary

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



304730



473047

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.



5A3746



304730



3E3F5B

Square

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



304730



124757



503A53



583B2C

Rectangle

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



304730



134947



503A53



5D373C

Sweetspot

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



304730



535C53



474730



282E28



ADADAD



2E2E2E

Same Dimension

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



304730



385C38



30473C



202420



006300



00E300

Inverse Universe

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



473047



5C385C



47303C



242024



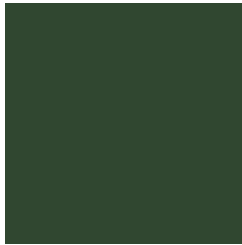
630063



E300E3

Previews

White Background



This preview shows how the Hex color 304730 looks on a white background.

Color Contrast Check

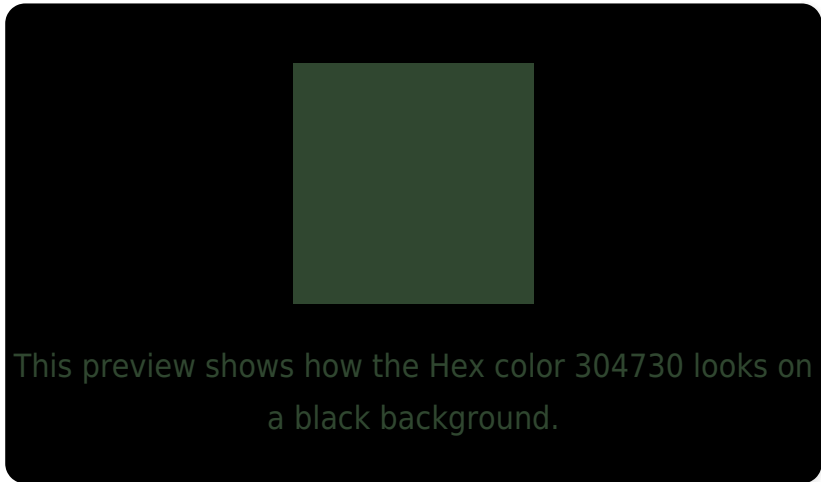
Large Text (above 18pt) WCAG AA ✓ Pass

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

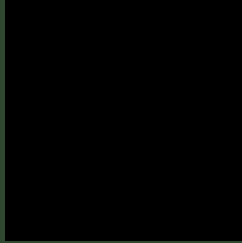
Any Text WCAG AA × Fail

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 304730 Background



This preview shows how black text looks on a background with the Hex color 304730.



This preview shows how white text looks on a background with the Hex color 304730.

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
304730

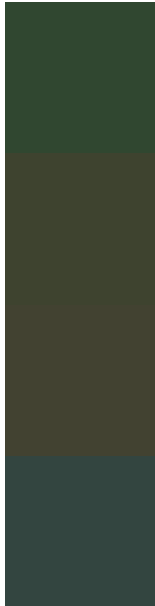
Protanopia
46412E

Deuteranopia
4D3F32



Tritanopia
354449

Trichromacy



Original Color
304730

Protanomaly
3E432F

Deuteranomaly
424231

Tritanomaly
334540

Monochromacy



Original Color
304730

Achromatopsia
3E3E3E

Achromatomaly
394139

CSS Examples

Text

The CSS property to change the color of the text to Hex 304730 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 #304730 looks like.

```
.text, #text, p{  
    color:#304730  
}
```

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 #304730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #304730
}
```

Border

The CSS property to change the border of an element to Hex 304730 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".

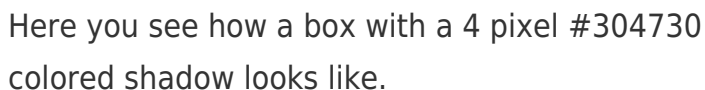
```
.border, #border, table{ border:4px solid
#304730 }
```

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

```
.border{ border-color:#304730 }
```

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

Here you see how a box with a 4 pixel #304730 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #304730; -webkit-box-shadow:4px 4px  
4px 4px #304730; box-shadow:4px 4px 4px  
4px #304730 }
```

Background

The CSS property to change the background color of an element to Hex 304730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#304730 }
```

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

```
.background{ background-color:#304730 }
```

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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