

Converting Colors

Hex(304600)

Have a look what the booklet for
Hex(304600) contains.

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Color

Hex(304600)

Conversions

Conversions Part 1

Format	Color
Hex	304600
RGB	48, 70, 0
RGB Percent	19%, 27%, 0%
CMY	0.8118, 0.7255, 1.0000
CMYK	0.31, 0.00, 1.00, 0.73
HSL	79°, 100%, 14%
HSV	79°, 100%, 27%
XYZ	3.4091, 5.0087, 0.7871
YIQ	55.4420, 9.3580, -26.4340

Conversions

Conversions Part 2

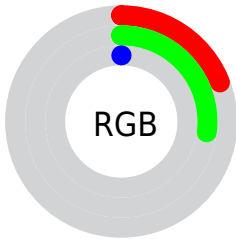
Format	Color
RYB	0, 70, 22
Decimal	3163648
CIELab	26.76, -19.41, 34.88
CIELCh	27, 39.918, 119.102
Yxy	5.0087, 0.3704, 0.5441
Android (android.graphics.Color)	4281353728 (0xFF304600)
YUV	55.4420, -27.3329, -6.5266
Hunter-Lab	22.3801, -11.9749, 13.5809

Details

The Hex color **304600** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **160046**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **617631**, and **001C00** is the 20% darker color. If you saturate the color by 10%, you get **304600**, and if you desaturate by 10%, it is **324607**.

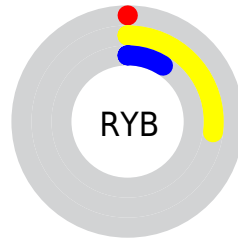
Distribution



Red (19%)

Green (27%)

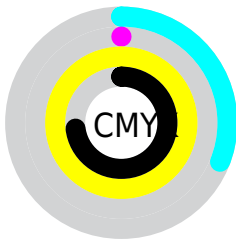
Blue (0%)



Red (0%)

Yellow (27%)

Blue (9%)

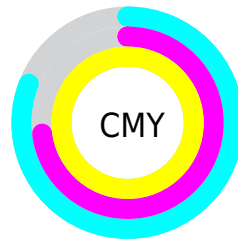


Cyan (31%)

Magenta (0%)

Yellow (100%)

Black (73%)



Cyan (81%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 304600 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 304600 by changing the saturation by 10% instead.

 304600

 304600

 FFFFE9

 192F00

 617631

 001C00

 7B9049

 000000

 95AB62

 B1C67C

 CDE296

 E9FFB1

 FFFFCD

 304600

■ 324607

■ 34460E

■ 374615

■ 39461C

■ 3B4623

■ 3D462A

■ 3F4631

■ 424638

■ 44463F

Harmonies

Analogous

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



4E3E00



304600



004B1E

Triad

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



304600



004A73



731E42

Complementary

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



304600



160046

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.



63295F



304600



00437D

Square

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



304600



004D5C



3B3875



732424

Rectangle

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



304600



004C33



3B3875



70204C

Sweetspot

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



304600



535C40



461500



292E1D



ADADAD



2E2E2E

Same Dimension

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



304600



3F5C00



0E4600



232420



446300



9CE300

Inverse Universe

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



160046



1D005C



380046



212024



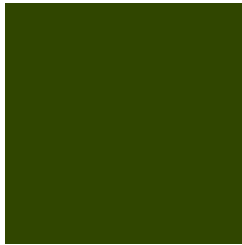
1F0063



4700E3

Previews

White Background



This preview shows how the Hex color 304600 looks on a white background.

Color Contrast Check

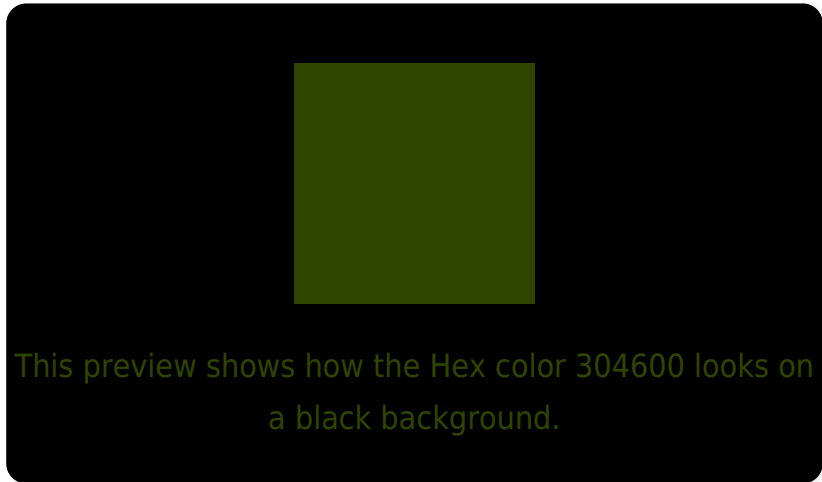
Large Text (above 18pt) WCAG AA ✓ Pass

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

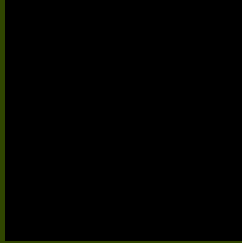
Any Text WCAG AA × Fail

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 304600 Background



This preview shows how black text looks on a background with the Hex color 304600.



This preview shows how white text looks on a background with the Hex color 304600.

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](#).

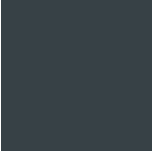
Dichromacy



Original Color
304600

Protanopia
474000

Deuteranopia
503C0D



Tritanopia
374146

Trichromacy



Original Color
304600

Protanomaly
3F4200

Deuteranomaly
444008

Tritanomaly
34432D

Monochromacy



Original Color
304600

Achromatopsia
373737

Achromatomaly
343C23

CSS Examples

Text

The CSS property to change the color of the text to Hex 304600 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 #304600 looks like.

```
.text, #text, p{  
    color:#304600  
}
```

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 #304600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #304600
}
```

Border

The CSS property to change the border of an element to Hex 304600 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
#304600 }
```

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

```
.border{ border-color:#304600 }
```

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

Here you see how a box with a 4 pixel #304600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #304600; -webkit-box-shadow:4px 4px  
4px 4px #304600; box-shadow:4px 4px 4px  
4px #304600 }
```

Background

The CSS property to change the background color of an element to Hex 304600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#304600 }
```

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

```
.background{ background-color:#304600 }
```

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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