

Converting Colors

Hex(305E00)

Have a look what the booklet for
Hex(305E00) contains.

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Color

Hex(305E00)

Conversions

Conversions Part 1

Format	Color
Hex	305E00
RGB	48, 94, 0
RGB Percent	19%, 37%, 0%
CMY	0.8118, 0.6314, 1.0000
CMYK	0.49, 0.00, 1.00, 0.63
HSL	89°, 100%, 18%
HSV	89°, 100%, 37%
XYZ	5.2216, 8.6338, 1.3913
YIQ	69.5300, 2.7580, -38.9860

Conversions

Conversions Part 2

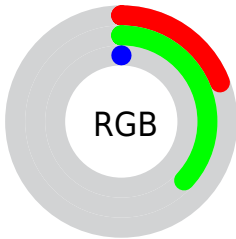
Format	Color
RYB	0, 94, 46
Decimal	3169792
CIELab	35.27, -30.91, 41.64
CIElCh	35, 51.859, 126.591
Yxy	8.6338, 0.3425, 0.5663
Android (android.graphics.Color)	4281359872 (0xFF305E00)
YUV	69.5300, -34.2783, -18.8818
Hunter-Lab	29.3833, -19.7000, 17.7610

Details

The Hex color **305E00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2E005E**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **649137**, and **002F00** is the 20% darker color. If you saturate the color by 10%, you get **305E00**, and if you desaturate by 10%, it is **355E09**.

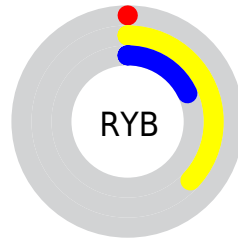
Distribution



Red (19%)

Green (37%)

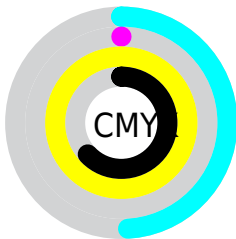
Blue (0%)



Red (0%)

Yellow (37%)

Blue (18%)

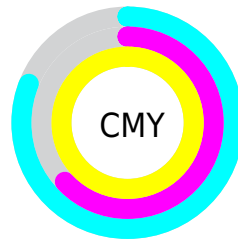


Cyan (49%)

Magenta (0%)

Yellow (100%)

Black (63%)



Cyan (81%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 305E00 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 305E00 by changing the saturation by 10% instead.


 305E00

 305E00

 FFFFF3

 174600

 649137

 002F00

 7EAC50

 001B00

 99C76A

 000000

 B5E384

 D1FF9F

 EEFFBA

 FFFFD6

 305E00

 355E09

 395E13

 3E5E1C

 425E26

 475E2F

 4C5E38

 505E42

 555E4B

 595E55

Harmonies

Analogous

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



5D5400



305E00



006330

Triad

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



305E00



00609F



9B224C

Complementary

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



305E00



2E005E

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.



8B2D75



305E00



0055A6

Square

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



305E00



006584



5E4396



953024

Rectangle

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



305E00



00654D



5E4396



98235A

Sweetspot

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



305E00



687A56



5E2D00



323D27



BDBDBD



3D3D3D

Same Dimension

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



305E00



3F7A00



025E00



2C2E29



386E00



79ED00

Inverse Universe

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



2E005E



3C007A



5C005E



2C292E



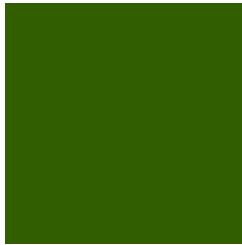
36006E



7400ED

Previews

White Background



This preview shows how the Hex color 305E00 looks on a white background.

Color Contrast Check

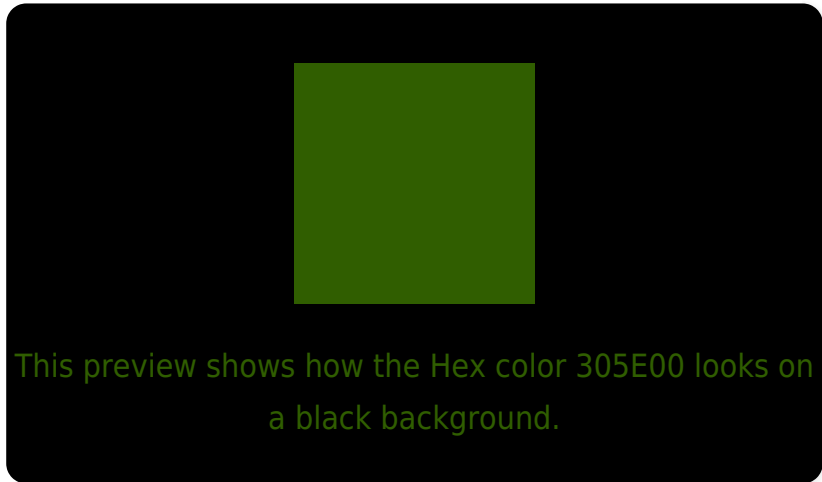
Large Text (above 18pt) WCAG AA ✓ Pass

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

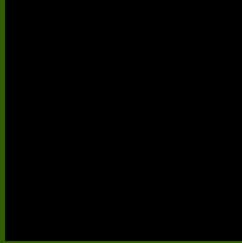
Any Text WCAG AA × Fail

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 305E00 Background



This preview shows how black text looks on a background with the Hex color 305E00.



This preview shows how white text looks on a background with the Hex color 305E00.

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
305E00

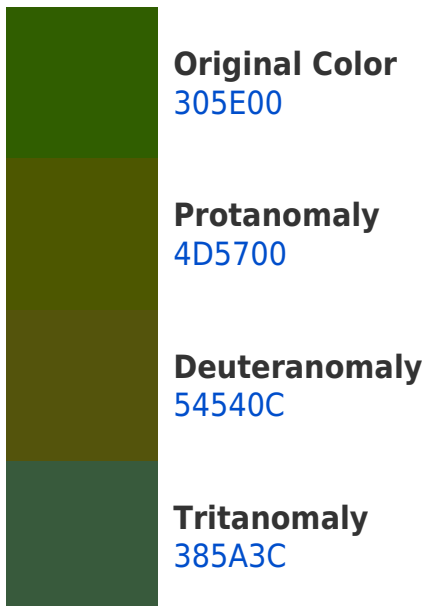
Protanopia
5D5300

Deuteranopia
684F13

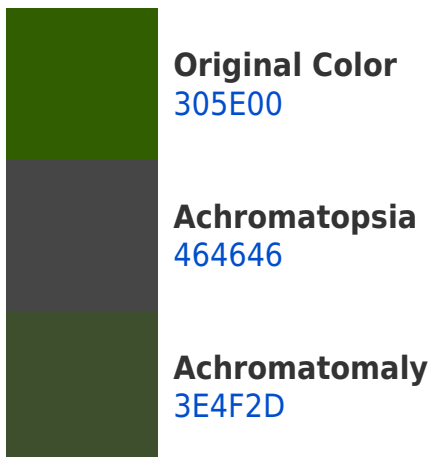


Tritanopia
3C575E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 305E00 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 #305E00 looks like.

```
.text, #text, p{  
    color:#305E00  
}
```

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 #305E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #305E00
}
```

Border

The CSS property to change the border of an element to Hex 305E00 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
#305E00 }
```

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

```
.border{ border-color:#305E00 }
```

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

Here you see how a box with a 4 pixel #305E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #305E00; -webkit-box-shadow:4px 4px  
4px 4px #305E00; box-shadow:4px 4px 4px  
4px #305E00 }
```

Background

The CSS property to change the background color of an element to Hex 305E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#305E00 }
```

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

```
.background{ background-color:#305E00 }
```

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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