

Converting Colors

Hex(305A00)

Have a look what the booklet for
Hex(305A00) contains.

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Color

Hex(305A00)

Conversions

Conversions Part 1

Format	Color
Hex	305A00
RGB	48, 90, 0
RGB Percent	19%, 35%, 0%
CMY	0.8118, 0.6471, 1.0000
CMYK	0.47, 0.00, 1.00, 0.65
HSL	88°, 100%, 18%
HSV	88°, 100%, 35%
XYZ	4.8751, 7.9407, 1.2758
YIQ	67.1820, 3.8580, -36.8940

Conversions

Conversions Part 2

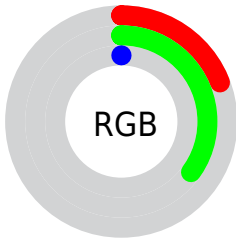
Format	Color
RYB	0, 90, 42
Decimal	3168768
CIELab	33.86, -29.14, 40.54
CIELCh	34, 49.923, 125.706
Yxy	7.9407, 0.3460, 0.5635
Android (android.graphics.Color)	4281358848 (0xFF305A00)
YUV	67.1820, -33.1207, -16.8226
Hunter-Lab	28.1793, -18.4327, 17.0412

Details

The Hex color **305A00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2A005A**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **638D36**, and **002C00** is the 20% darker color. If you saturate the color by 10%, you get **305A00**, and if you desaturate by 10%, it is **345A09**.

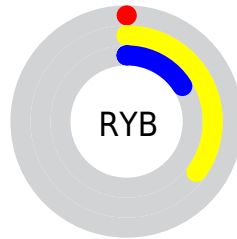
Distribution



Red (19%)

Green (35%)

Blue (0%)



Red (0%)

Yellow (35%)

Blue (16%)

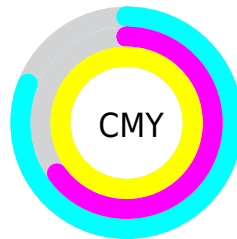


Cyan (47%)

Magenta (0%)

Yellow (100%)

Black (65%)



Cyan (81%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 305A00 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 305A00 by changing the saturation by 10% instead.

 305A00

 305A00

 FFFFF1

 184200

 638D36

 002C00

 7EA74F

 001600

 98C269

 000000

 B4DE83

 D0FB9D

 EDFFB9

 FFFFD5

 305A00

 345A09

 385A12

 3D5A1B

 415A24

 455A2D

 495A36

 4D5A3F

 525A48

 565A51

Harmonies

Analogous

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



5A5000



305A00



005F2D

Triad

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



305A00



005C98



94214A

Complementary

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



305A00



2A005A

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.



842C71



305A00



00529F

Square

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



305A00



00617D



584191



8F2E24

Rectangle

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



305A00



006148



584191



922357

Sweetspot

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



305A00



657552



5A2A00



313B26



BABABA



3B3B3B

Same Dimension

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



305A00



3F7500



035A00



2C2E29



3A6E00



7EED00

Inverse Universe

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



2A005A



370075



57005A



2B292E



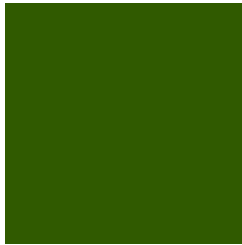
33006E



6F00ED

Previews

White Background



This preview shows how the Hex color 305A00 looks on a white background.

Color Contrast Check

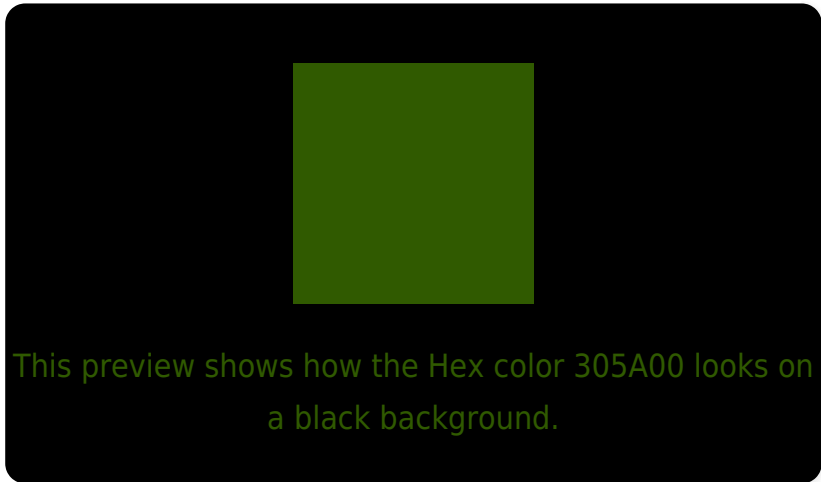
Large Text (above 18pt) WCAG AA ✓ Pass

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

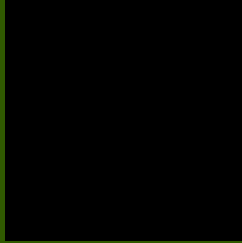
Any Text WCAG AA × Fail

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 305A00 Background



This preview shows how black text looks on a background with the Hex color 305A00.



This preview shows how white text looks on a background with the Hex color 305A00.

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
305A00

Protanopia
5A5000

Deuteranopia
644B12



Tritanopia
3B545A

Trichromacy



Original Color
305A00

Protanomaly
4B5400

Deuteranomaly
51500B

Tritanomaly
375639

Monochromacy



Original Color
305A00

Achromatopsia
434343

Achromatomaly
3C4B2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 305A00 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 #305A00 looks like.

```
.text, #text, p{  
    color:#305A00  
}
```

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 #305A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #305A00
}
```

Border

The CSS property to change the border of an element to Hex 305A00 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
#305A00 }
```

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

```
.border{ border-color:#305A00 }
```

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

Here you see how a box with a 4 pixel #305A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #305A00; -webkit-box-shadow:4px 4px  
4px 4px #305A00; box-shadow:4px 4px 4px  
4px #305A00 }
```

Background

The CSS property to change the background color of an element to Hex 305A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#305A00 }
```

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

```
.background{ background-color:#305A00 }
```

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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