

Converting Colors

Hex(305F02)

Have a look what the booklet for
Hex(305F02) contains.

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Color

Hex(305F02)

Conversions

Conversions Part 1

Format	Color
Hex	305F02
RGB	48, 95, 2
RGB Percent	19%, 37%, 1%
CMY	0.8118, 0.6275, 0.9922
CMYK	0.49, 0.00, 0.98, 0.63
HSL	90°, 96%, 19%
HSV	90°, 98%, 37%
XYZ	5.3221, 8.8172, 1.4788
YIQ	70.3450, 1.8410, -38.8870

Conversions

Conversions Part 2

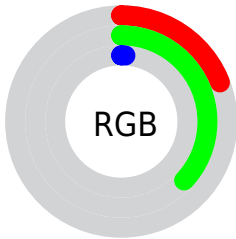
Format	Color
R_{YB}	2, 95, 49
Decimal	3170050
CIE _{Lab}	35.63, -31.26, 41.30
CIE _{LCh}	36, 51.793, 127.119
Yxy	8.8172, 0.3408, 0.5645
Android (android.graphics.Color)	4281360130 (0xFF305F02)
YUV	70.3450, -33.6941, -19.5966
Hunter-Lab	29.6937, -19.9710, 17.8328

Details

The Hex color **305F02** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **31025F**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **649239**, and **003000** is the 20% darker color. If you saturate the color by 10%, you get **2F5F00**, and if you desaturate by 10%, it is **355F0B**.

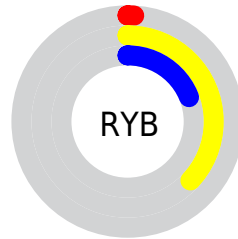
Distribution



Red (19%)

Green (37%)

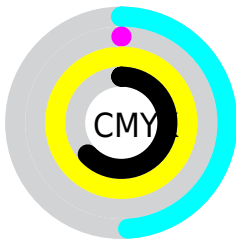
Blue (1%)



Red (1%)

Yellow (37%)

Blue (19%)

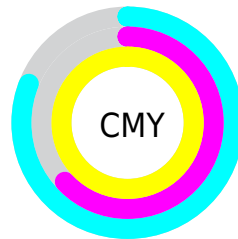


Cyan (49%)

Magenta (0%)

Yellow (98%)

Black (63%)



Cyan (81%)

Magenta (63%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 305F02 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 305F02 by changing the saturation by 10% instead.

 305F02

 305F02

 FFFFF5

 164700

 649239

 003000

 7EAD52

 001C00

 99C86B

 000000

 B5E486

 D1FFA0

 EEFFBC

 FFFFD8

 305F02

 305F02

■ 2F5F00

■ 355F0B

■ 3A5F15

■ 3E5F1E

■ 435F28

■ 485F31

■ 4D5F3B

■ 525F45

■ 565F4E

■ 5B5F57

Harmonies

Analogous

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



5D5500



305F02



006431

Triad

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



305F02



0061A0



9C234C

Complementary

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



305F02



31025F

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.



8C2E75



305F02



0056A7

Square

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



305F02



006585



604497



963124

Rectangle

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



305F02



00664E



604497



99245A

Sweetspot

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



305F02



687A57



5F3002



323D28



BDBDBD



3D3D3D

Same Dimension

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



305F02



3D7A00



025F02



2E302C



377000



77F000

Inverse Universe

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



31025F



3E007A



5F025F



2E2C30



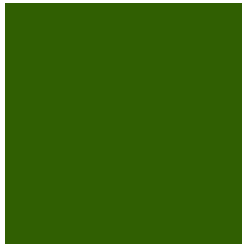
390070



7900F0

Previews

White Background



This preview shows how the Hex color 305F02 looks on a white background.

Color Contrast Check

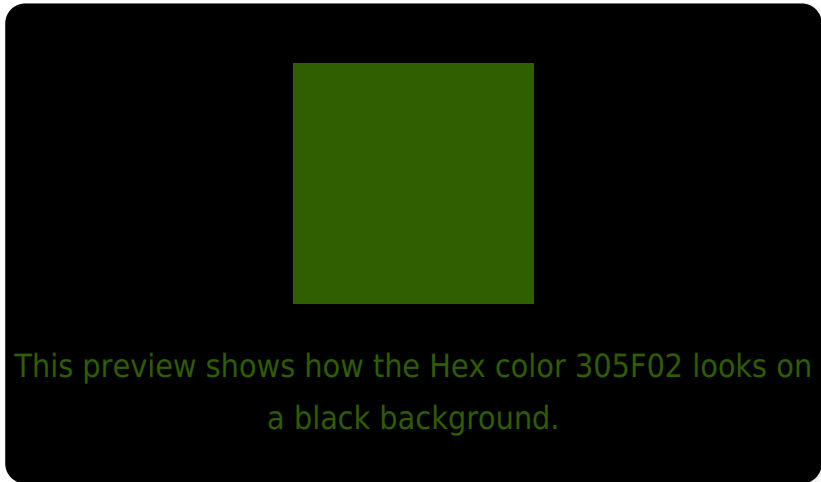
Large Text (above 18pt) WCAG AA ✓ Pass

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

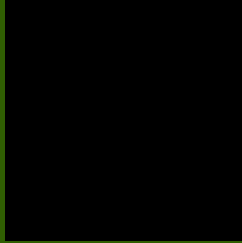
Any Text WCAG AA × Fail

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 305F02 Background



This preview shows how black text looks on a background with the Hex color 305F02.



This preview shows how white text looks on a background with the Hex color 305F02.

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
305F02

Protanopia
5E5400

Deuteranopia
694F13



Tritanopia
3D585F

Trichromacy



Original Color
305F02

Protanomaly
4D5801

Deuteranomaly
54550D

Tritanomaly
385B3D

Monochromacy



Original Color
305F02

Achromatopsia
464646

Achromatomaly
3E4F2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 305F02 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 #305F02 looks like.

```
.text, #text, p{  
    color:#305F02  
}
```

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 #305F02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #305F02
}
```

Border

The CSS property to change the border of an element to Hex 305F02 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
#305F02 }
```

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

```
.border{ border-color:#305F02 }
```

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

Here you see how a box with a 4 pixel #305F02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #305F02; -webkit-box-shadow:4px 4px  
4px 4px #305F02; box-shadow:4px 4px 4px  
4px #305F02 }
```

Background

The CSS property to change the background color of an element to Hex 305F02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#305F02 }
```

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

```
.background{ background-color:#305F02 }
```

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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