

Converting Colors

Hex(305D34)

Have a look what the booklet for
Hex(305D34) contains.

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Color

Hex(305D34)

Conversions

Conversions Part 1

Format	Color
Hex	305D34
RGB	48, 93, 52
RGB Percent	19%, 36%, 20%
CMY	0.8118, 0.6353, 0.7961
CMYK	0.48, 0.00, 0.44, 0.64
HSL	125°, 32%, 28%
HSV	125°, 48%, 36%
XYZ	5.7531, 8.7050, 4.6258
YIQ	74.8710, -13.6590, -22.2910

Conversions

Conversions Part 2

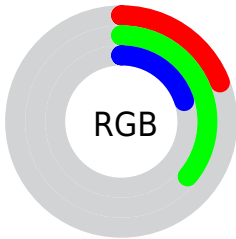
Format	Color
R_{YB}	48, 89, 93
Decimal	3169588
CIE _{Lab}	35.41, -25.28, 18.85
CIE _{LCh}	35, 31.533, 143.286
Yxy	8.7050, 0.3015, 0.4561
Android (android.graphics.Color)	4281359668 (0xFF305D34)
YUV	74.8710, -11.2754, -23.5659
Hunter-Lab	29.5043, -16.8263, 11.3572

Details

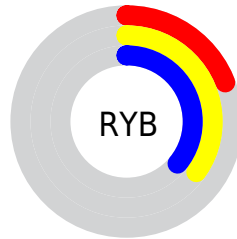
The Hex color **305D34** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5D3059**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **619063**, and **002E07** is the 20% darker color. If you saturate the color by 10%, you get **275D2C**, and if you desaturate by 10%, it is **395D3C**.

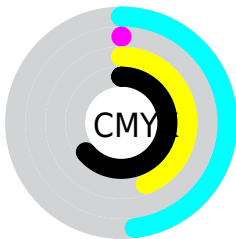
Distribution



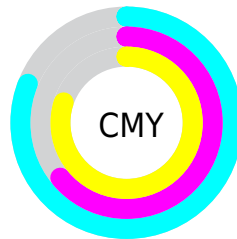
- Red (19%)
- Green (36%)
- Blue (20%)



- Red (19%)
- Yellow (35%)
- Blue (36%)



- Cyan (48%)
- Magenta (0%)
- Yellow (44%)
- Black (64%)



- Cyan (81%)
- Magenta (64%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 305D34 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 305D34 by changing the saturation by 10% instead.

 305D34

 305D34

FFFFFF

 17451E

 619063

 002E07

 7BAA7C

 001B00

 95C696

 000000

 B0E2B1

 CCFFCC

 E9FFE9

 305D34

 305D34

 275D2C

 395D3C

■ 1D5D23

■ 435D45

■ 145D1B

■ 4C5D4D

■ 0B5D12

■ 555D56

■ 025D0A

■ 5E5D5E

■ 005D08

■ 685D67

■ 715D6F

■ 7A5D78

■ 845D80

Harmonies

Analogous

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



4E5823



305D34



00604D

Triad

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



305D34



0D5885



823F41

Complementary

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



305D34



5D3059

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.



7F3E5A



305D34



4C4F82

Square

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



305D34



005D7B



6D4572



79472C

Rectangle

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



305D34



00605E



6D4572



833E49

Sweetspot

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



305D34



667867



595D30



323D33



BDBDBD



3D3D3D

Same Dimension

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



305D34



327839



305D4A



292E2A



006E0A



00ED15

Inverse Universe

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



5D3059



783272



5D3043



2E292D



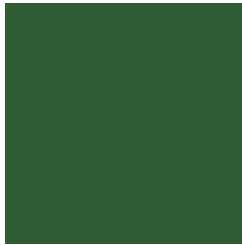
6E0064



ED00D8

Previews

White Background



This preview shows how the Hex color 305D34 looks on a white background.

Color Contrast Check

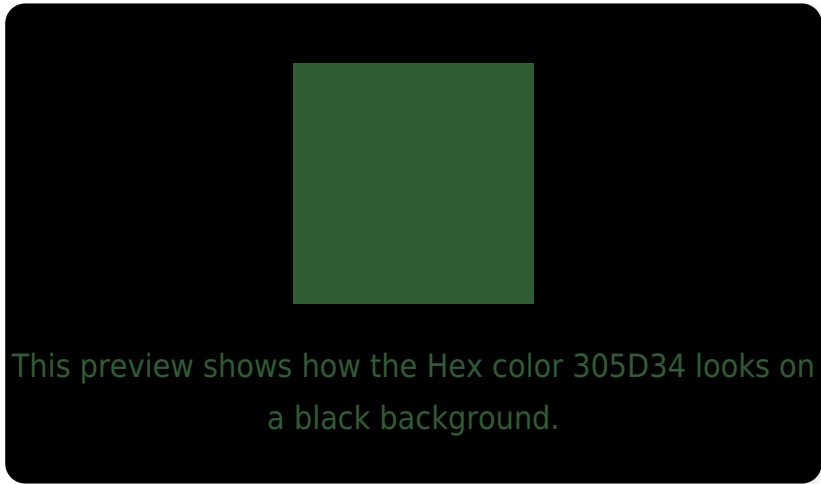
Large Text (above 18pt) WCAG AA ✓ Pass

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

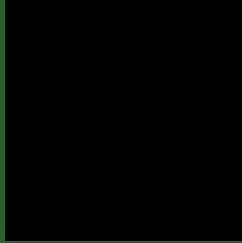
Any Text WCAG AA × Fail

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 305D34 Background



This preview shows how black text looks on a background with the Hex color 305D34.



This preview shows how white text looks on a background with the Hex color 305D34.

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
305D34

Protanopia
5B5330

Deuteranopia
634F37



Tritanopia
39585F

Trichromacy



Original Color
305D34

Protanomaly
4B5731

Deuteranomaly
505436

Tritanomaly
365A4F

Monochromacy



Original Color
305D34

Achromatopsia
4B4B4B

Achromatomaly
415243

CSS Examples

Text

The CSS property to change the color of the text to Hex 305D34 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 #305D34 looks like.

```
.text, #text, p{  
    color:#305D34  
}
```

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 #305D34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #305D34
}
```

Border

The CSS property to change the border of an element to Hex 305D34 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
#305D34 }
```

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

```
.border{ border-color:#305D34 }
```

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

Here you see how a box with a 4 pixel #305D34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #305D34; -webkit-box-shadow:4px 4px  
4px 4px #305D34; box-shadow:4px 4px 4px  
4px #305D34 }
```

Background

The CSS property to change the background color of an element to Hex 305D34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#305D34 }
```

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

```
.background{ background-color:#305D34 }
```

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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