

Converting Colors

Hex(305745)

Have a look what the booklet for
Hex(305745) contains.

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Color

Hex(305745)

Conversions

Conversions Part 1

Format	Color
Hex	305745
RGB	48, 87, 69
RGB Percent	19%, 34%, 27%
CMY	0.8118, 0.6588, 0.7294
CMYK	0.45, 0.00, 0.21, 0.66
HSL	152°, 29%, 26%
HSV	152°, 45%, 34%
XYZ	5.7013, 7.8744, 6.8497
YIQ	73.2870, -17.4660, -13.8660

Conversions

Conversions Part 2

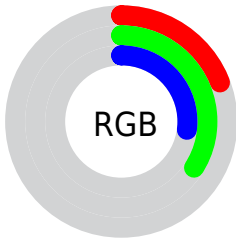
Format	Color
RYB	48, 73, 87
Decimal	3168069
CIELab	33.72, -18.58, 6.18
CIELCh	34, 19.586, 161.602
Yxy	7.8744, 0.2791, 0.3855
Android (android.graphics.Color)	4281358149 (0xFF305745)
YUV	73.2870, -2.1135, -22.1767
Hunter-Lab	28.0614, -12.8413, 5.1706

Details

The Hex color **305745** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **573042**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **608975**, and **01291A** is the 20% darker color. If you saturate the color by 10%, you get **275741**, and if you desaturate by 10%, it is **395749**.

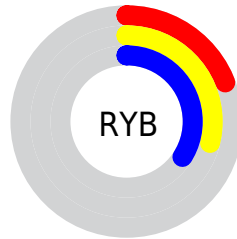
Distribution



Red (19%)

Green (34%)

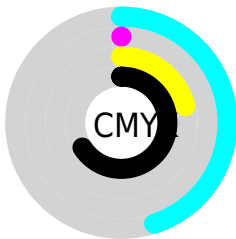
Blue (27%)



Red (19%)

Yellow (29%)

Blue (34%)

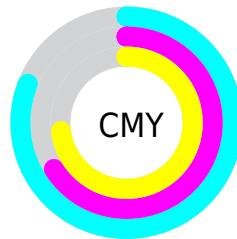


Cyan (45%)

Magenta (0%)

Yellow (21%)

Black (66%)



Cyan (81%)

Magenta (66%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 305745 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 305745 by changing the saturation by 10% instead.

■ 305745

■ 305745

FFFFFF

■ 193F2F

■ 608975

■ 01291A

■ 7AA38F

■ 001500

■ 94BFA9

■ 000000

■ AFDBC4

■ CBF7E0

■ E7FFFD

■ 305745

■ 305745

■ 275741

■ 395749

■ 1F573D

■ 41574D

■ 165739

■ 4A5751

■ 0D5735

■ 535755

■ 045731

■ 5C5759

■ 00572F

■ 64575D

■ 6D5761

■ 765765

■ 7E5769

Harmonies

Analogous

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



435438



305745



1E5855

Triad

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



305745



434F6E



6C463B

Complementary

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



305745



573042

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.



6E444A



305745



594967

Square

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



305745



2B546C



684559



624B32

Rectangle

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



305745



18575F



684559



6D4540

Sweetspot

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



305745



627069



425730



2F3834



B8B8B8



383838

Same Dimension

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



305745



347054



305657



272B29



006B3A



00EB7E

Inverse Universe

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



573042



703450



573130



2B2729



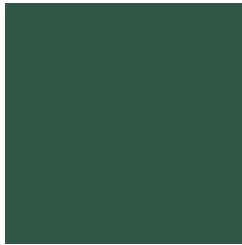
6B0031



EB006C

Previews

White Background



This preview shows how the Hex color 305745 looks on a white background.

Color Contrast Check

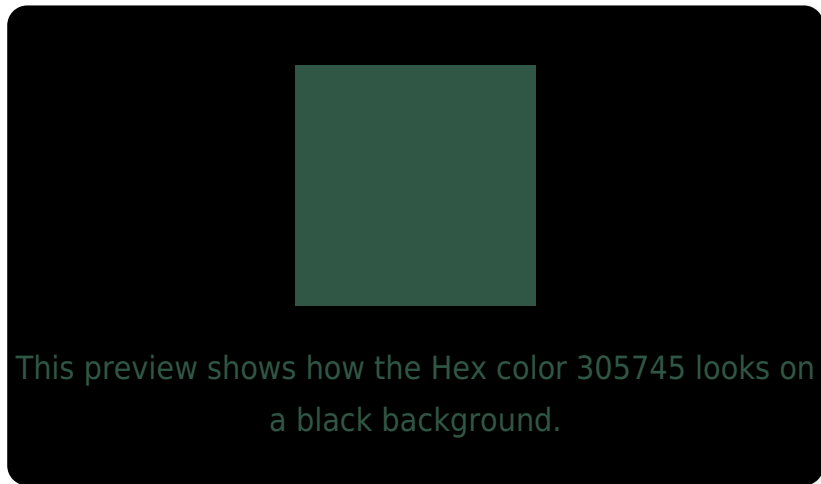
Large Text (above 18pt) WCAG AA ✓ Pass

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

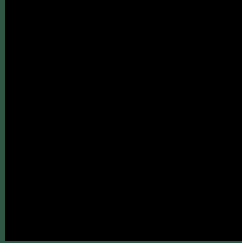
Any Text WCAG AA × Fail

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 305745 Background



This preview shows how black text looks on a background with the Hex color 305745.



This preview shows how white text looks on a background with the Hex color 305745.

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
305745

Protanopia
544F41

Deuteranopia
594C47



Tritanopia
36545B

Trichromacy



Original Color
305745

Protanomaly
475242

Deuteranomaly
4A5046

Tritanomaly
345553

Monochromacy



Original Color
305745

Achromatopsia
494949

Achromatomaly
404E48

CSS Examples

Text

The CSS property to change the color of the text to Hex 305745 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 #305745 looks like.

```
.text, #text, p{  
    color:#305745  
}
```

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 #305745 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #305745
}
```

Border

The CSS property to change the border of an element to Hex 305745 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
#305745 }
```

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

```
.border{ border-color:#305745 }
```

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

Here you see how a box with a 4 pixel #305745 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #305745; -webkit-box-shadow:4px 4px  
4px 4px #305745; box-shadow:4px 4px 4px  
4px #305745 }
```

Background

The CSS property to change the background color of an element to Hex 305745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#305745 }
```

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

```
.background{ background-color:#305745 }
```

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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