

Converting Colors

Hex(305A43)

Have a look what the booklet for
Hex(305A43) contains.

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Color

Hex(305A43)

Conversions

Conversions Part 1

Format	Color
Hex	305A43
RGB	48, 90, 67
RGB Percent	19%, 35%, 26%
CMY	0.8118, 0.6471, 0.7373
CMYK	0.47, 0.00, 0.26, 0.65
HSL	147°, 30%, 27%
HSV	147°, 47%, 35%
XYZ	5.8882, 8.3460, 6.6108
YIQ	74.8200, -17.6490, -16.0570

Conversions

Conversions Part 2

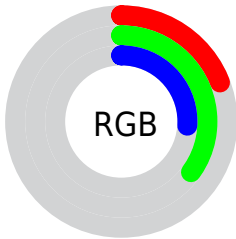
Format	Color
RYB	48, 77, 90
Decimal	3168835
CIELab	34.69, -20.66, 8.80
CIELCh	35, 22.457, 156.943
Yxy	8.3460, 0.2825, 0.4004
Android (android.graphics.Color)	4281358915 (0xFF305A43)
YUV	74.8200, -3.8553, -23.5211
Hunter-Lab	28.8894, -14.1747, 6.6552

Details

The Hex color **305A43** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5A3047**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **618C73**, and **002C18** is the 20% darker color. If you saturate the color by 10%, you get **275A3E**, and if you desaturate by 10%, it is **395A48**.

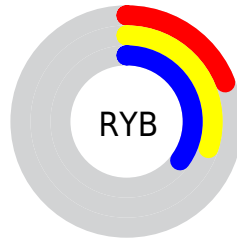
Distribution



 Red (19%)

 Green (35%)

 Blue (26%)




 Red (19%)

 Yellow (30%)

 Blue (35%)

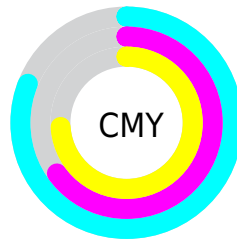


 Cyan (47%)

 Magenta (0%)

 Yellow (26%)

 Black (65%)



 Cyan (81%)

 Magenta (65%)

 Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 305A43 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 305A43 by changing the saturation by 10% instead.

 305A43

 305A43

FFFFFF

 18422D

 618C73

 002C18

 7AA78D

 001900

 94C2A7

 000000

 AFDEC2

 CBFBD E

 E8FFFB

 305A43

 305A43

 275A3E

 395A48

■ 1E5A39

■ 425A4D

■ 155A34

■ 4B5A52

■ 0C5A2F

■ 545A57

■ 035A2A

■ 5D5A5C

■ 005A29

■ 665A61

■ 6F5A66

■ 785A6A

■ 815A6F

Harmonies

Analogous

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



465734



305A43



165B55

Triad

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



305A43



3E5275



73463D

Complementary

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



305A43



5A3047

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.



74444E



305A43



594B6E

Square

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



305A43



1E5772



6B4660



694C31

Rectangle

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



305A43



045B61



6B4660



744542

Sweetspot

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



305A43



65756C



475A30



313B35



BABABA



3B3B3B

Same Dimension

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



305A43



347551



305A58



292E2B



006E32



00ED6B

Inverse Universe

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



5A3047



753458



5A3032



2E292C



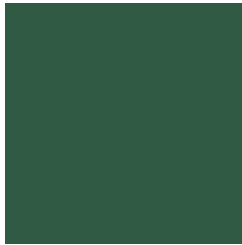
6E003C



ED0082

Previews

White Background



This preview shows how the Hex color 305A43 looks on a white background.

Color Contrast Check

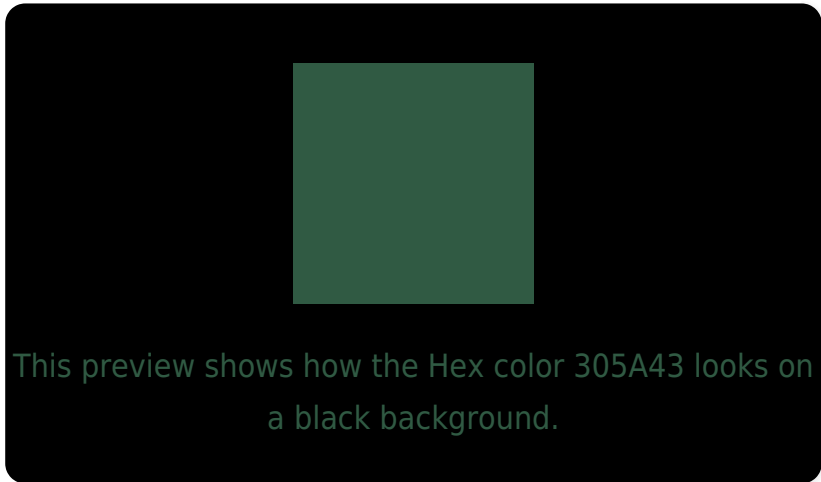
Large Text (above 18pt) WCAG AA ✓ Pass

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

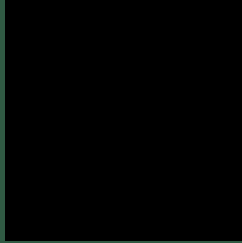
Any Text WCAG AA × Fail

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 305A43 Background



This preview shows how black text looks on a background with the Hex color 305A43.



This preview shows how white text looks on a background with the Hex color 305A43.

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
305A43

Protanopia
57513F

Deuteranopia
5D4E46

Trichromacy



Original Color
305A43

Protanomaly
495440

Deuteranomaly
4D5245

Tritanomaly
345854

Monochromacy



Original Color
305A43

Achromatopsia
4B4B4B

Achromatomaly
415048

CSS Examples

Text

The CSS property to change the color of the text to Hex 305A43 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 #305A43 looks like.

```
.text, #text, p{  
    color:#305A43  
}
```

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 #305A43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #305A43
}
```

Border

The CSS property to change the border of an element to Hex 305A43 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
#305A43 }
```

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

```
.border{ border-color:#305A43 }
```

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

Here you see how a box with a 4 pixel #305A43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #305A43; -webkit-box-shadow:4px 4px  
4px 4px #305A43; box-shadow:4px 4px 4px  
4px #305A43 }
```

Background

The CSS property to change the background color of an element to Hex 305A43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#305A43 }
```

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

```
.background{ background-color:#305A43 }
```

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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