

Converting Colors

Hex(305654)

Have a look what the booklet for
Hex(305654) contains.

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Color

Hex(305654)

Conversions

Conversions Part 1

Format	Color
Hex	305654
RGB	48, 86, 84
RGB Percent	19%, 34%, 33%
CMY	0.8118, 0.6627, 0.6706
CMYK	0.44, 0.00, 0.02, 0.66
HSL	177°, 28%, 26%
HSV	177°, 44%, 34%
XYZ	6.1469, 7.9240, 9.5930
YIQ	74.4100, -22.0060, -8.6780

Conversions

Conversions Part 2

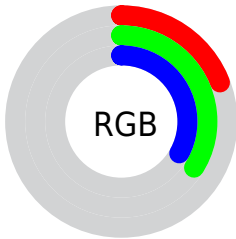
Format	Color
R_{YB}	48, 68, 86
Decimal	3167828
CIE _{Lab}	33.82, -14.06, -3.09
CIE _{LCh}	34, 14.397, 192.396
Y _{xy}	7.9240, 0.2598, 0.3349
Android (android.graphics.Color)	4281357908 (0xFF305654)
Y _{UV}	74.4100, 4.7279, -23.1616
Hunter-Lab	28.1497, -10.2835, -0.5004




Details

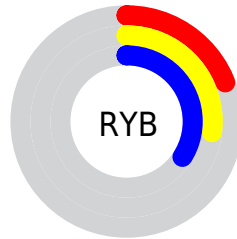
The Hex color **305654** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **563032**, and the grayscale version is **4A4A4A**.




A 20% lighter version of the original color is **618885**, and **002927** is the 20% darker color. If you saturate the color by 10%, you get **275654**, and if you desaturate by 10%, it is **395654**.

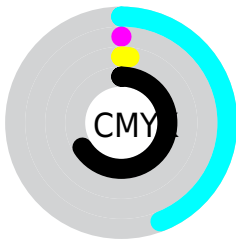
Distribution







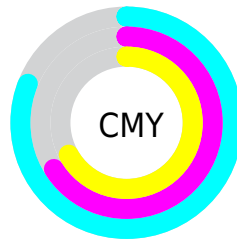
-  Red (19%)
-  Green (34%)
-  Blue (33%)






-  Red (19%)
-  Yellow (27%)
-  Blue (34%)



-  Cyan (44%)
-  Magenta (0%)
-  Yellow (2%)
-  Black (66%)



-  Cyan (81%)
-  Magenta (66%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 305654 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 305654 by changing the saturation by 10% instead.

■ 305654

■ 305654

FFFFFF

■ 183F3D

■ 618885

■ 002927

■ 7AA2A0

■ 001513

■ 95BDBB

■ 000000

■ B0D9D6

■ CBF6F3

■ E8FFFF

■ 305654

■ 305654

■ 275654

■ 395654

■ 1F5653

■ 415655

■ 165653

■ 4A5655

■ 0E5652

■ 525656

■ 055652

■ 5B5656

■ 005651

■ 645657

■ 6C5657

■ 755658

■ 7D5658

Harmonies

Analogous

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



395548



305654



2F555E

Triad

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



305654



574B60



5E4D3A

Complementary

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



305654



563032

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.



654941



305654



624857

Square

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



305654



484F66



67474B



535039

Rectangle

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



305654



355463



67474B



614B3C

Sweetspot

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



305654



62706F



335630



2F3838



B8B8B8



383838

Same Dimension

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



305654



35706D



304656



272B2B



006B65



00EBDE

Inverse Universe

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



563032



703538



564030



2B2727



6B0006



EB000C

Previews

White Background



This preview shows how the Hex color 305654 looks on a white background.

Color Contrast Check

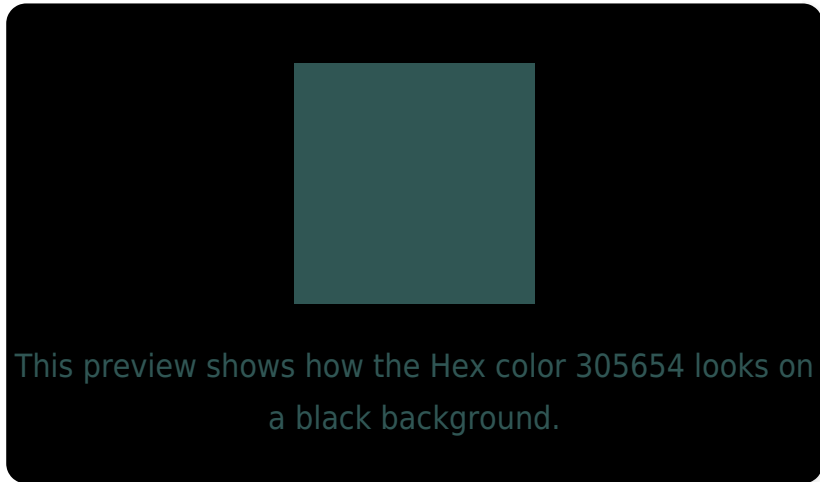
Large Text (above 18pt) WCAG AA ✓ Pass

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

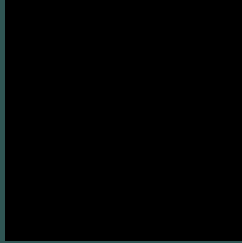
Any Text WCAG AA × Fail

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 305654 Background



This preview shows how black text looks on a background with the Hex color 305654.



This preview shows how white text looks on a background with the Hex color 305654.

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](#).

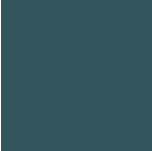
Dichromacy



Original Color
305654

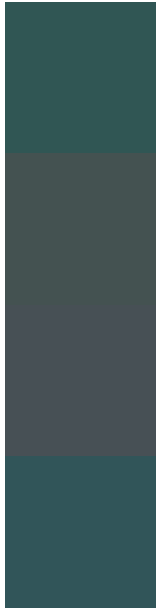
Protanopia
504F50

Deuteranopia
544D56



Tritanopia
32555C

Trichromacy



Original Color
305654

Protanomaly
445251

Deuteranomaly
475055

Tritanomaly
315559

Monochromacy



Original Color
305654

Achromatopsia
4A4A4A

Achromatomaly
414E4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 305654 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 #305654 looks like.

```
.text, #text, p{  
    color:#305654  
}
```

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 #305654 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #305654
}
```

Border

The CSS property to change the border of an element to Hex 305654 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
#305654 }
```

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

```
.border{ border-color:#305654 }
```

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

Here you see how a box with a 4 pixel #305654 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #305654; -webkit-box-shadow:4px 4px  
4px 4px #305654; box-shadow:4px 4px 4px  
4px #305654 }
```

Background

The CSS property to change the background color of an element to Hex 305654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#305654 }
```

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

```
.background{ background-color:#305654 }
```

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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