

Converting Colors

Hex(305684)

Have a look what the booklet for
Hex(305684) contains.

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Color

Hex(305684)

Conversions

Conversions Part 1

Format	Color
Hex	305684
RGB	48, 86, 132
RGB Percent	19%, 34%, 52%
CMY	0.8118, 0.6627, 0.4824
CMYK	0.64, 0.35, 0.00, 0.48
HSL	213°, 47%, 35%
HSV	213°, 64%, 52%
XYZ	8.7116, 8.9499, 23.0981
YIQ	79.8820, -37.4140, 6.2500

Conversions

Conversions Part 2

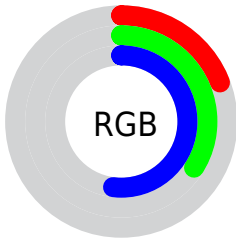
Format	Color
R_{YB}	48, 74, 132
Decimal	3167876
CIE Lab	35.89, 1.78, -29.82
CIE LCh	36, 29.872, 273.420
Yxy	8.9499, 0.2137, 0.2196
Android (android.graphics.Color)	4281357956 (0xFF305684)
YUV	79.8820, 25.6942, -27.9605
Hunter-Lab	29.9164, -0.3749, -24.8358

Details

The Hex color **305684** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **845E30**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **6687B9**, and **002952** is the 20% darker color. If you saturate the color by 10%, you get **234F84**, and if you desaturate by 10%, it is **3D5D84**.

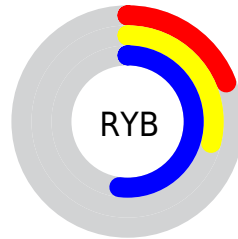
Distribution



Red (19%)

Green (34%)

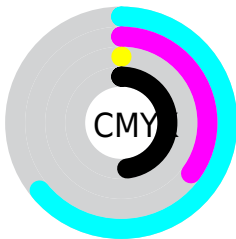
Blue (52%)



Red (19%)

Yellow (29%)

Blue (52%)

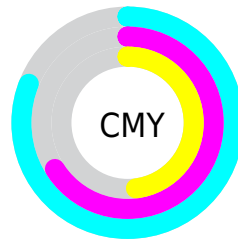


Cyan (64%)

Magenta (35%)

Yellow (0%)

Black (48%)



Cyan (81%)

Magenta (66%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 305684 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 305684 by changing the saturation by 10% instead.

■ 305684

■ 305684

FFFFFF

■ 0F3F6B

■ 6687B9

■ 002952

■ 81A2D5

■ 00153B

■ 9DBDF2

■ 000225

■ B8D8FF

■ 00010D

■ D5F5FF

■ 000000

■ F2FFFF

■ 305684

■ 305684

■ 234F84

■ 3D5D84

■ 164884

■ 4A6484

■ 084084

■ 586C84

■ 003C84

■ 657384

■ 727A84

■ 7F8184

■ 8C8984

■ 9A9084

■ A79784

Harmonies

Analogous

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



005C7F



305684



5A4D7C

Triad

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



305684



80433B



275F3E

Complementary

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



305684



845E30

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.



475B2B



305684



744B2A

Square

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



305684



814053



605423



006156

Rectangle

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



305684



6D4771



605423



335E37

Sweetspot

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



305684



8A99AB



30845D



434C57



D6D6D6



575757

Same Dimension

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



305684



2964AB



333084



3C3F42



003B82



000103

Inverse Universe

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



843056



AB2964



818430



423C3F



82003B



030001

Previews

White Background



This preview shows how the Hex color 305684 looks on a white background.

Color Contrast Check

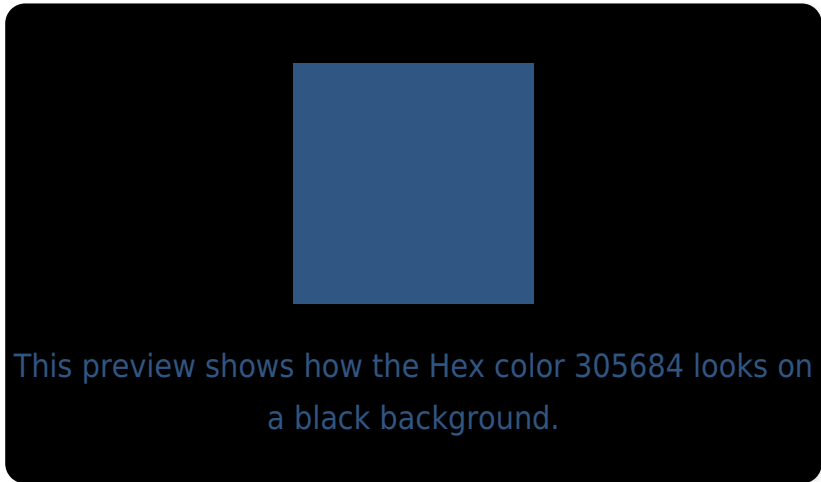
Large Text (above 18pt) WCAG AA ✓ Pass

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 305684 Background



This preview shows how black text looks on a background with the Hex color 305684.

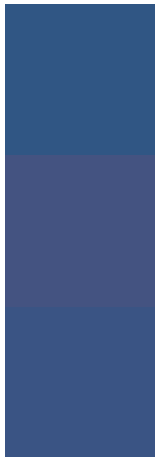


This preview shows how white text looks on a background with the Hex color 305684.

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
305684

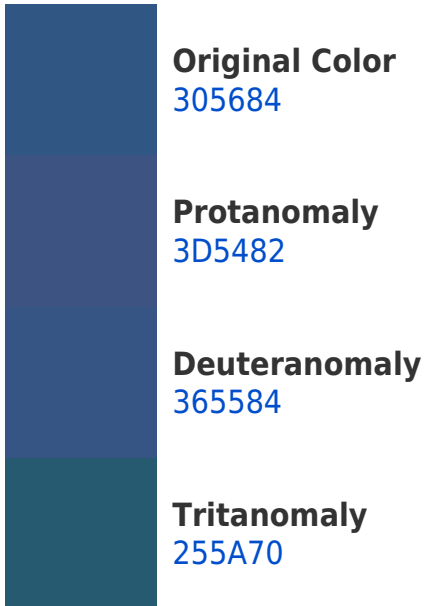
Protanopia
445381

Deuteranopia
3A5484



Tritanopia
1F5C64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 305684 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 #305684 looks like.

```
.text, #text, p{  
    color:#305684  
}
```

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 #305684 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #305684
}
```

Border

The CSS property to change the border of an element to Hex 305684 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
#305684 }
```

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

```
.border{ border-color:#305684 }
```

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

Here you see how a box with a 4 pixel #305684 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #305684; -webkit-box-shadow:4px 4px  
4px 4px #305684; box-shadow:4px 4px 4px  
4px #305684 }
```

Background

The CSS property to change the background color of an element to Hex 305684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#305684 }
```

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

```
.background{ background-color:#305684 }
```

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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