

Converting Colors

Hex(305610)

Have a look what the booklet for
Hex(305610) contains.

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Color

Hex(305610)

Conversions

Conversions Part 1

Format	Color
Hex	305610
RGB	48, 86, 16
RGB Percent	19%, 34%, 6%
CMY	0.8118, 0.6627, 0.9373
CMYK	0.44, 0.00, 0.81, 0.66
HSL	93°, 69%, 20%
HSV	93°, 81%, 34%
XYZ	4.6402, 7.3214, 1.6588
YIQ	66.6580, -0.1780, -29.8260

Conversions

Conversions Part 2

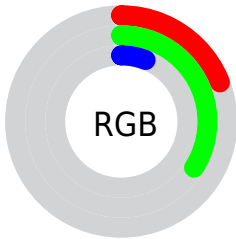
Format	Color
R_{YB}	16, 86, 54
Decimal	3167760
CIE _{Lab}	32.53, -26.43, 34.09
CIE _{LCh}	33, 43.133, 127.787
Yxy	7.3214, 0.3407, 0.5375
Android (android.graphics.Color)	4281357840 (0xFF305610)
YUV	66.6580, -24.9744, -16.3631
Hunter-Lab	27.0580, -16.7402, 15.3058

Details

The Hex color **305610** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **361056**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **628840**, and **002800** is the 20% darker color. If you saturate the color by 10%, you get **2B5607**, and if you desaturate by 10%, it is **355619**.

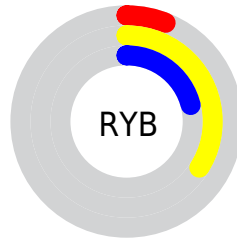
Distribution



Red (19%)

Green (34%)

Blue (6%)



Red (6%)

Yellow (34%)

Blue (21%)

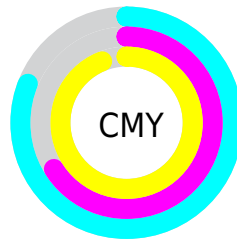


Cyan (44%)

Magenta (0%)

Yellow (81%)

Black (66%)



Cyan (81%)

Magenta (66%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 305610 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 305610 by changing the saturation by 10% instead.

 305610

 305610

 FFFFFB

 183E00

 628840

 002800

 7CA359

 001000

 97BE72

 000000

 B2DA8C

 CEF6A7

 EBF6C2

 FFFFDE

 305610

 305610

■ 2B5607

■ 355619

■ 275600

■ 395621

■ 3E562A

■ 435632

■ 47563B

■ 4C5644

■ 51564C

■ 555655

■ 5A565D

Harmonies

Analogous

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



554E00



305610



005A31

Triad

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



305610



00578B



892945

Complementary

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



305610



361056

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.



7C3067



305610



004E90

Square

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



305610



005B75



593F83



843225

Rectangle

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



305610



005C49



593F83



872951

Sweetspot

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



305610



627055



563510



2F3828



B8B8B8



383838

Same Dimension

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



305610



357002



105612



292B27



316B00



6BEB00

Inverse Universe

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



361056



3E0270



561054



29272B



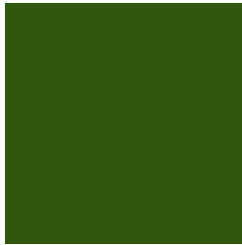
3A006B



7F00EB

Previews

White Background



This preview shows how the Hex color 305610 looks on a white background.

Color Contrast Check

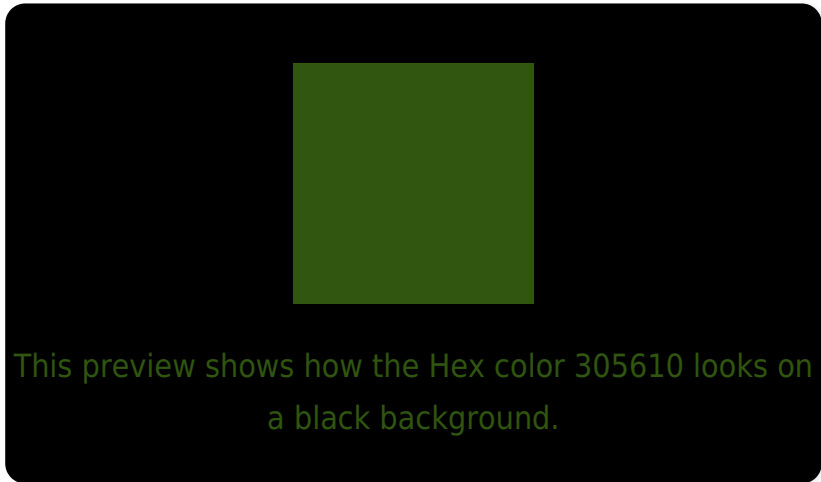
Large Text (above 18pt) WCAG AA ✓ Pass

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

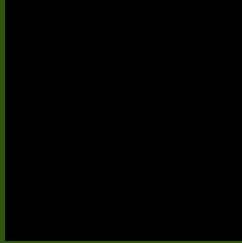
Any Text WCAG AA × Fail

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 305610 Background



This preview shows how black text looks on a background with the Hex color 305610.



This preview shows how white text looks on a background with the Hex color 305610.

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
305610

Protanopia
564D0D

Deuteranopia
604817



Tritanopia
3A5056

Trichromacy



Original Color
305610

Protanomaly
48500E

Deuteranomaly
4F4D14

Tritanomaly
36523D

Monochromacy



Original Color
305610

Achromatopsia
434343

Achromatomaly
3C4A30

CSS Examples

Text

The CSS property to change the color of the text to Hex 305610 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 #305610 looks like.

```
.text, #text, p{  
    color:#305610  
}
```

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 #305610 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #305610
}
```

Border

The CSS property to change the border of an element to Hex 305610 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
#305610 }
```

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

```
.border{ border-color:#305610 }
```

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

Here you see how a box with a 4 pixel #305610 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #305610; -webkit-box-shadow:4px 4px  
4px 4px #305610; box-shadow:4px 4px 4px  
4px #305610 }
```

Background

The CSS property to change the background color of an element to Hex 305610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#305610 }
```

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

```
.background{ background-color:#305610 }
```

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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