

Converting Colors

Hex(310E00)

Have a look what the booklet for
Hex(310E00) contains.

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Color

Hex(310E00)

Conversions

Conversions Part 1

Format	Color
Hex	310E00
RGB	49, 14, 0
RGB Percent	19%, 5%, 0%
CMY	0.8078, 0.9451, 1.0000
CMYK	0.00, 0.71, 1.00, 0.81
HSL	17°, 100%, 10%
HSV	17°, 100%, 19%
XYZ	1.4237, 0.9670, 0.1116
YIQ	22.8690, 25.3540, 3.0660

Conversions

Conversions Part 2

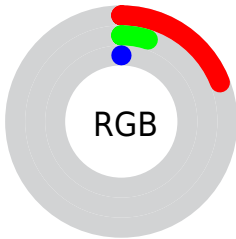
Format	Color
RYB	49, 20, 0
Decimal	3214848
CIELab	8.71, 16.73, 13.43
CIELCh	9, 21.449, 38.756
Yxy	0.9670, 0.5689, 0.3865
Android (android.graphics.Color)	4281404928 (0xFF310E00)
YUV	22.8690, -11.2744, 22.9169
Hunter-Lab	9.8338, 8.6325, 6.2107

Details

The Hex color **310E00** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002331**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **623930**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **310E00**, and if you desaturate by 10%, it is **311205**.

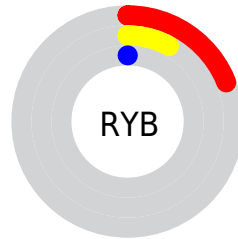
Distribution



Red (19%)

Green (5%)

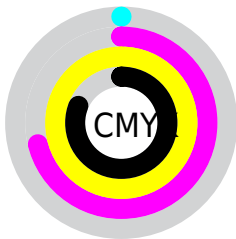
Blue (0%)



Red (19%)

Yellow (8%)

Blue (0%)

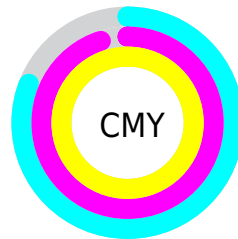


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (81%)



Cyan (81%)

Magenta (95%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 310E00 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 310E00 by changing the saturation by 10% instead.

 310E00

 310E00

 FFEFE2

 170001

 623930

 000000

 7B5046


 96695E

 B28277

 CE9C90

 EAB7AB

 FFD3C6

 310E00

■ 311205

■ 31150A

■ 31190F

■ 311C14

■ 312019

■ 31231D

■ 312722

■ 312A27

■ 312E2C

Harmonies

Analogous

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



320A15



310E00



291400

Triad

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



310E00



00200C



001935

Complementary

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



310E00



002331

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.



001D34



310E00



00201D

Square

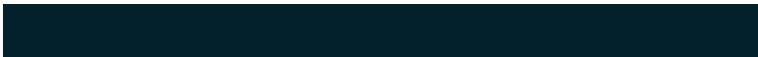
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



310E00



0E1D00



00202A



1F132F

Rectangle

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



310E00



211800



00202A



001B36

Sweetspot

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



310E00



40322D



310023



211915



A1A1A1



212121

Same Dimension

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



310E00



401200



312600



1A1817



591900



D93E00

Inverse Universe

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



002331



002E40



000B31



17191A



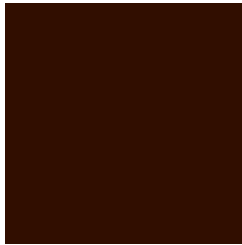
004059



009BD9

Previews

White Background



This preview shows how the Hex color 310E00 looks on a white background.

Color Contrast Check

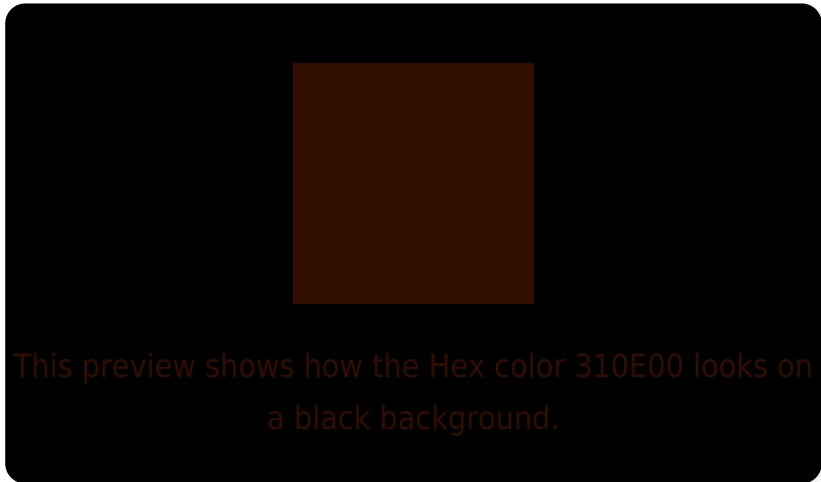
Large Text (above 18pt) WCAG AA ✓ Pass

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

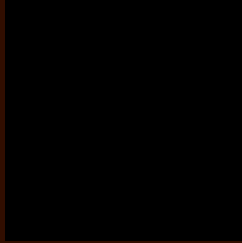
Any Text WCAG AA × Fail

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 310E00 Background



This preview shows how black text looks on a background with the Hex color 310E00.

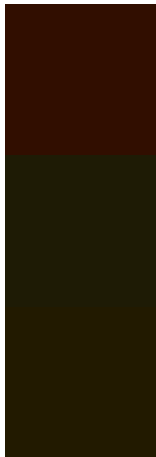


This preview shows how white text looks on a background with the Hex color 310E00.

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
310E00

Protanopia
1E1B05

Deuteranopia
221A00



Tritanopia
310D0E

Trichromacy



Original Color
310E00

Protanomaly
251603

Deuteranomaly
271600

Tritanomaly
310D09

Monochromacy



Original Color
310E00

Achromatopsia
171717

Achromatomaly
20140F

CSS Examples

Text

The CSS property to change the color of the text to Hex 310E00 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 #310E00 looks like.

```
.text, #text, p{  
    color:#310E00  
}
```

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 #310E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #310E00  
}
```

Border

The CSS property to change the border of an element to Hex 310E00 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  
#310E00 }
```

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

```
.border{ border-color:#310E00 }
```

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

Here you see how a box with a 4 pixel #310E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #310E00; -webkit-box-shadow:4px 4px  
4px 4px #310E00; box-shadow:4px 4px 4px  
4px #310E00 }
```

Background

The CSS property to change the background color of an element to Hex 310E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#310E00 }
```

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

```
.background{ background-color:#310E00 }
```

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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