

Converting Colors

Hex(60310A)

Have a look what the booklet for
Hex(60310A) contains.

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Color

Hex(60310A)

Conversions

Conversions Part 1

Format	Color
Hex	60310A
RGB	96, 49, 10
RGB Percent	38%, 19%, 4%
CMY	0.6235, 0.8078, 0.9608
CMYK	0.00, 0.49, 0.90, 0.62
HSL	27°, 81%, 21%
HSV	27°, 90%, 38%
XYZ	5.9770, 4.7053, 0.8804
YIQ	58.6070, 40.5310, -2.1650

Conversions

Conversions Part 2

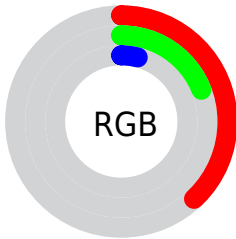
Format	Color
RYB	96, 81, 10
Decimal	6304010
CIELab	25.88, 18.32, 32.03
CIElCh	26, 36.896, 60.227
Yxy	4.7053, 0.5169, 0.4069
Android (android.graphics.Color)	4284494090 (0xFF60310A)
YUV	58.6070, -23.9633, 32.7937
Hunter-Lab	21.6918, 11.2234, 12.7780

Details

The Hex color **60310A** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0A3960**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **976037**, and **2C0600** is the 20% darker color. If you saturate the color by 10%, you get **602C00**, and if you desaturate by 10%, it is **603614**.

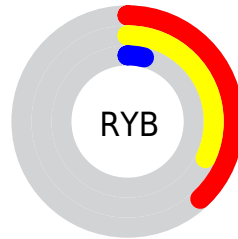
Distribution



Red (38%)

Green (19%)

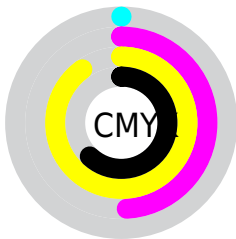
Blue (4%)



Red (38%)

Yellow (32%)

Blue (4%)

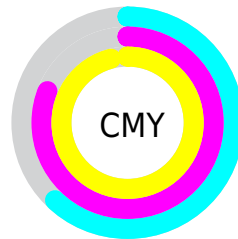


Cyan (0%)

Magenta (49%)

Yellow (90%)

Black (62%)



Cyan (62%)

Magenta (81%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60310A 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 60310A by changing the saturation by 10% instead.

 60310A

 60310A

 FFFFEE

 461B00

 976037

 2C0600

 B3794F

 010000

 D09367

 000000

 EEAD81

 FFC99B

 FFE5B6

 FFFFD2

 60310A

 60310A

■ 602C00

■ 603614

■ 603B1D

■ 604127

■ 604630

■ 604B3A

■ 605044

■ 60564D

■ 605B57

■ 606060

Harmonies

Analogous

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



6D2523



60310A



4B3C00

Triad

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



60310A



004A3D



3C366E

Complementary

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



60310A



0A3960

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.



004176



60310A



004A59

Square

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



60310A



004820



00476E



5F295A

Rectangle

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



60310A



394200



00476E



2A3A72

Sweetspot

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



60310A



7D6B5B



600A39



40352B



BFBFBF



404040

Same Dimension

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



60310A



7D3900



605C0A



302E2C



703300



F06D00

Inverse Universe

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



0A3960



00447D



0A0E60



2C2E30



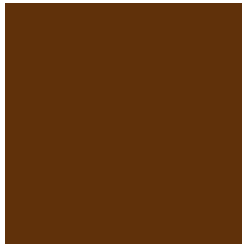
003D70



0083F0

Previews

White Background



This preview shows how the Hex color 60310A looks on a white background.

Color Contrast Check

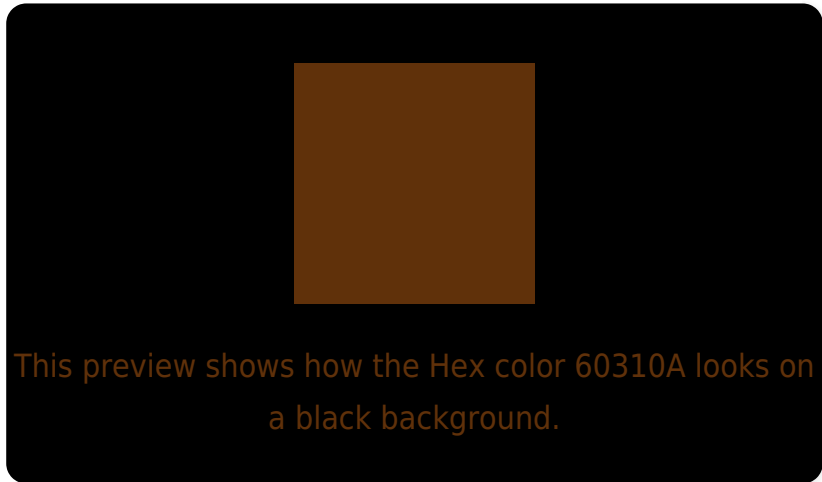
Large Text (above 18pt) WCAG AA ✓ Pass

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

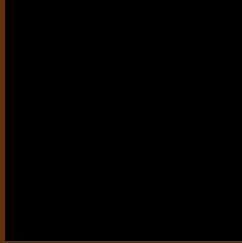
Any Text WCAG AA × Fail

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 60310A Background



This preview shows how black text looks on a background with the Hex color 60310A.



This preview shows how white text looks on a background with the Hex color 60310A.

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
60310A

Protanopia
463E0E

Deuteranopia
4E3B00



Tritanopia
612E31

Trichromacy



Original Color
60310A

Protanomaly
4F390D

Deuteranomaly
553704

Tritanomaly
612F23

Monochromacy



Original Color
60310A

Achromatopsia
3B3B3B

Achromatomaly
483729

CSS Examples

Text

The CSS property to change the color of the text to Hex 60310A 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 #60310A looks like.

```
.text, #text, p{  
    color:#60310A  
}
```

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 #60310A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60310A
}
```

Border

The CSS property to change the border of an element to Hex 60310A is called "border". The border property can be set on classes, ids or directly on the HTML element.

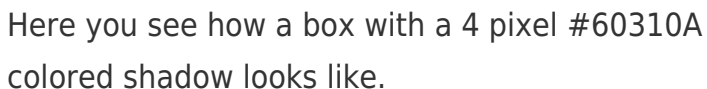
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#60310A }
```

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

```
.border{ border-color:#60310A }
```

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



Here you see how a box with a 4 pixel #60310A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60310A; -webkit-box-shadow:4px 4px  
4px 4px #60310A; box-shadow:4px 4px 4px  
4px #60310A }
```

Background

The CSS property to change the background color of an element to Hex 60310A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60310A }
```

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

```
.background{ background-color:#60310A }
```

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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