

# Converting Colors

Hex(A0310C)

Have a look what the booklet for  
Hex(A0310C) contains.

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**Color**

**Hex(A0310C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A0310C
RGB	160, 49, 12
RGB Percent	63%, 19%, 5%
CMY	0.3725, 0.8078, 0.9529
CMYK	0.00, 0.69, 0.92, 0.37
HSL	15°, 86%, 34%
HSV	15°, 92%, 63%
XYZ	15.6619, 9.6968, 1.3940
YIQ	77.9710, 78.0330, 12.0250

# Conversions

## Conversions Part 2

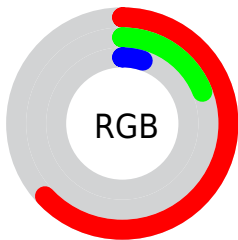
Format	Color
<a href="#">RYB</a>	<a href="#">160, 61, 12</a>
Decimal	<a href="#">10498316</a>
CIELab	<a href="#">37.29, 44.41, 45.10</a>
CIELCh	<a href="#">37, 63.292, 45.440</a>
Yxy	<a href="#">9.6968, 0.5854, 0.3625</a>
Android (android.graphics.Color)	<a href="#">4288688396</a> ( <a href="#">0xFFA0310C</a> )
YUV	<a href="#">77.9710, -32.5237, 71.9394</a>
Hunter-Lab	<a href="#">31.1396, 35.2835, 19.1435</a>

# Details

The Hex color **A0310C** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0C7BA0**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **DE663C**, and **640000** is the 20% darker color. If you saturate the color by 10%, you get **A02800**, and if you desaturate by 10%, it is **A03D1C**.

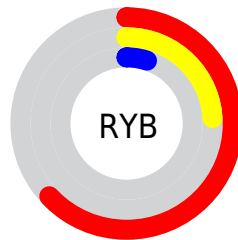
# Distribution



Red (63%)

Green (19%)

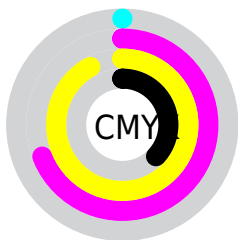
Blue (5%)



Red (63%)

Yellow (24%)

Blue (5%)

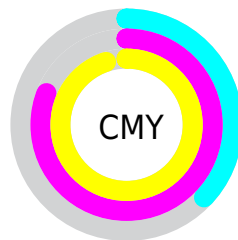


Cyan (0%)

Magenta (69%)

Yellow (92%)

Black (37%)



Cyan (37%)

Magenta (81%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0310C 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 A0310C by changing the saturation by 10% instead.



 A0310C

 A0310C

 FFFFF6

 821300

 DE663C

 640000

 FD8055

 470000

 FF9B6E

 2D0001

 FFB787

 000000

 FFD3A2

 FFF0BD

 FFFFDA

 A0310C

 A0310C

■ A02800

■ A03D1C

■ A0492C

■ A0553C

■ A0614C

■ A06D5C

■ A0796C

■ A0857C

■ A0918C

■ A09D9C

# Harmonies

## Analogous

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



AF0B40



A0310C



804C00

# Triad

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



A0310C



006C3C



0055BC

# Complementary

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



A0310C



0C7BA0

# 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.



0065BC



A0310C



006D72

# Square

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



A0310C



006700



006CA0



793BA0

# Rectangle

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



A0310C



645900



006CA0



005CBF



# Sweetspot

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



A0310C



D1A597



A00C7B



694E45



E8E8E8



696969



# Same Dimension

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



A0310C



D13400



A07B0C



4F4947



8F2400



0F0400



# Inverse Universe

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



0C7BA0



009DD1



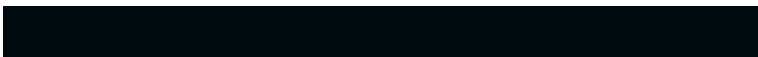
0C31A0



474D4F



006B8F



000B0F



# Previews

## White Background



This preview shows how the Hex color A0310C looks on a white background.

## Color Contrast Check

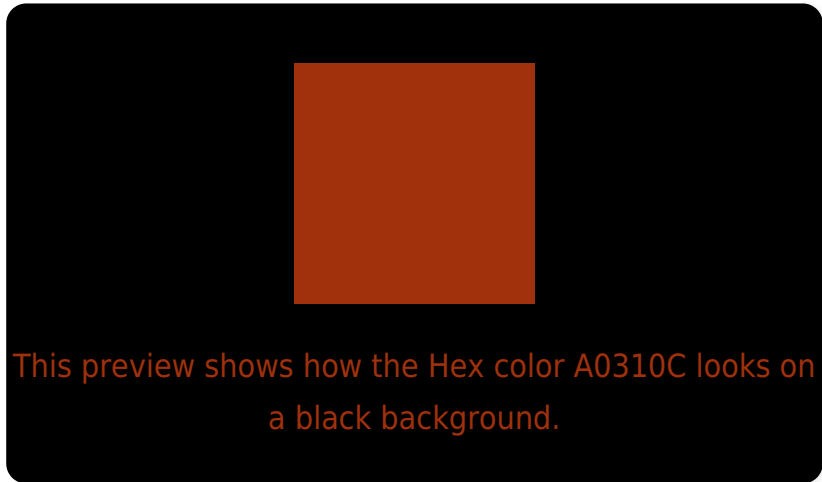
Large Text (above 18pt) WCAG AA ✓ Pass

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 A0310C Background



This preview shows how black text looks on a background with the Hex color A0310C.



This preview shows how white text looks on a background with the Hex color A0310C.

# 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



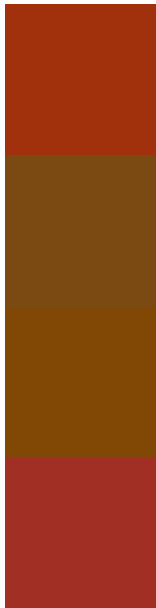
**Original Color**  
A0310C

**Protanopia**  
645916

**Deuteranopia**  
705400



# Trichromacy



**Original Color**  
A0310C

**Protanomaly**  
7A4A12

**Deuteranomaly**  
814704

**Tritanomaly**  
A12F23

# Monochromacy



**Original Color**  
A0310C

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
6C4336

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0310C 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 #A0310C looks like.

```
.text, #text, p{  
    color:#A0310C  
}
```

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 #A0310C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0310C
}
```

## Border

The CSS property to change the border of an element to Hex A0310C is called "border". The border property can be set on classes, ids or directly on the HTML element.

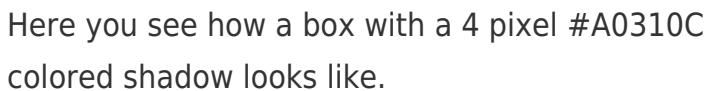
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A0310C }
```

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

```
.border{ border-color:#A0310C }
```

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



Here you see how a box with a 4 pixel #A0310C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0310C; -webkit-box-shadow:4px 4px  
4px 4px #A0310C; box-shadow:4px 4px 4px  
4px #A0310C }
```

# Background

The CSS property to change the background color of an element to Hex A0310C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0310C }
```

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

```
.background{ background-color:#A0310C }
```

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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