

# Converting Colors

Hex(A63318)

Have a look what the booklet for  
Hex(A63318) contains.

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**Color**

**Hex(A63318)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A63318
RGB	166, 51, 24
RGB Percent	65%, 20%, 9%
CMY	0.3490, 0.8000, 0.9059
CMYK	0.00, 0.69, 0.86, 0.35
HSL	11°, 75%, 37%
HSV	11°, 86%, 65%
XYZ	17.0746, 10.5406, 1.9988
YIQ	82.3070, 77.2070, 15.9830

# Conversions

## Conversions Part 2

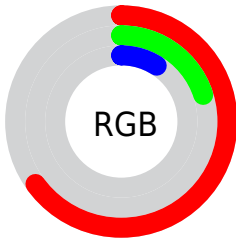
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 57, 24
Decimal	10892056
CIE <sub>Lab</sub>	38.80, 45.94, 41.72
CIE <sub>LCh</sub>	39, 62.051, 42.244
Yxy	10.5406, 0.5766, 0.3559
Android (android.graphics.Color)	4289082136 (0xFFA63318)
YUV	82.3070, -28.7454, 73.3988
Hunter-Lab	32.4663, 37.0603, 19.0763

# Details

The Hex color **A63318** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **188BA6**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **E46846**, and **6A0000** is the 20% darker color. If you saturate the color by 10%, you get **A62607**, and if you desaturate by 10%, it is **A64029**.

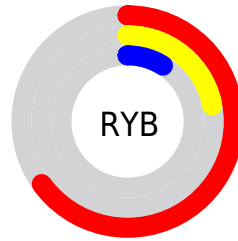
# Distribution



Red (65%)

Green (20%)

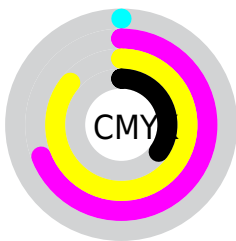
Blue (9%)



Red (65%)

Yellow (22%)

Blue (9%)

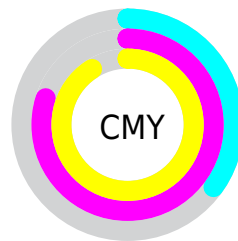


Cyan (0%)

Magenta (69%)

Yellow (86%)

Black (35%)



Cyan (35%)

Magenta (80%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A63318 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 A63318 by changing the saturation by 10% instead.



 A63318

 A63318

FFFFFF

 881500

 E46846

 6A0000

 FF835F

 4C0000

 FF9E78

 330002

 FFBA92

 000000

 FFD6AD

 FFF3C9

 FFFF E5

 A63318

 A63318

 A62607

 A64029

 A62000

 A64E39

 A65B4A

 A6695A

 A6766B

 A6847C

 A6918C

 A69F9D

 A6ACAD

# Harmonies

## Analogous

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



B21649



A63318



884E00

# Triad

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



A63318



006F3A



005BBF

# Complementary

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



A63318



188BA6

# 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.



0069BC



A63318



00716F

# Square

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



A63318



1C6A00



00709F



7542A7

# Rectangle

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



A63318



6C5B00



00709F



0061C1



# Sweetspot

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



A63318



D9ABA0



A6188C



6E524C



EDEDED



6E6E6E



# Same Dimension

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



A63318



D92900



A67918



544D4C



941C00



140400



# Inverse Universe

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



188BA6



00B0D9



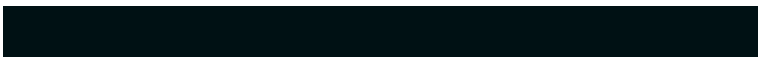
1845A6



4C5354



007894



001114



# Previews

## White Background



This preview shows how the Hex color A63318 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 × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 A63318 Background



This preview shows how black text looks on a background with the Hex color A63318.



This preview shows how white text looks on a background with the Hex color A63318.

# 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





# Trichromacy



**Original Color**  
A63318

**Protanomaly**  
7E4E1E

**Deuteranomaly**  
874B09

**Tritanomaly**  
A73129

# Monochromacy



**Original Color**  
A63318

**Achromatopsia**  
525252

**Achromatomaly**  
71473D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A63318 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 #A63318 looks like.

```
.text, #text, p{  
    color:#A63318  
}
```

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 #A63318 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A63318
}
```

## Border

The CSS property to change the border of an element to Hex A63318 is called "border". The border property can be set on classes, ids or directly on the HTML element.

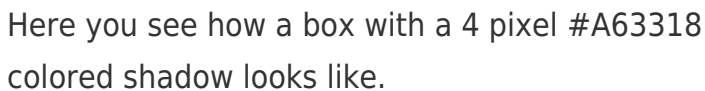
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A63318 }
```

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

```
.border{ border-color:#A63318 }
```

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



Here you see how a box with a 4 pixel #A63318 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A63318; -webkit-box-shadow:4px 4px  
4px 4px #A63318; box-shadow:4px 4px 4px  
4px #A63318 }
```

# Background

The CSS property to change the background color of an element to Hex A63318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A63318 }
```

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

```
.background{ background-color:#A63318 }
```

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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