

# Converting Colors

Hex(A04C38)

Have a look what the booklet for  
Hex(A04C38) contains.

<b>Hex(A04C38)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A04C38)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A04C38
RGB	160, 76, 56
RGB Percent	63%, 30%, 22%
CMY	0.3725, 0.7020, 0.7804
CMYK	0.00, 0.52, 0.65, 0.37
HSL	12°, 48%, 42%
HSV	12°, 65%, 63%
XYZ	17.7955, 12.9280, 5.2988
YIQ	98.8360, 56.4840, 11.5880

# Conversions

## Conversions Part 2

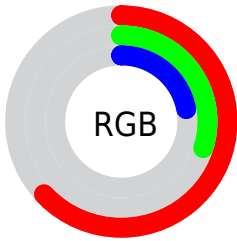
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 81, 56
Decimal	10505272
CIE <sub>Lab</sub>	42.65, 33.22, 28.11
CIE <sub>LCh</sub>	43, 43.516, 40.238
Yxy	12.9280, 0.4940, 0.3589
Android (android.graphics.Color)	4288695352 (0xFFA04C38)
YUV	98.8360, -21.1181, 53.6408
Hunter-Lab	35.9555, 25.4228, 16.4312

# Details

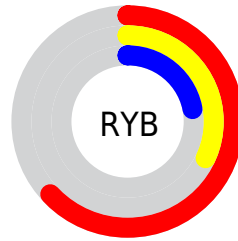
The Hex color **A04C38** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **388CA0**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **DB7F67**, and **671B0D** is the 20% darker color. If you saturate the color by 10%, you get **A03F28**, and if you desaturate by 10%, it is **A05948**.

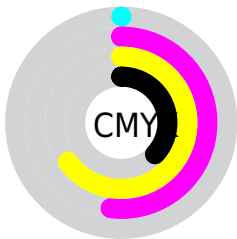
# Distribution



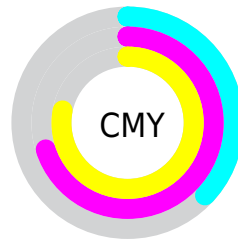
- Red (63%)
- Green (30%)
- Blue (22%)



- Red (63%)
- Yellow (32%)
- Blue (22%)



- Cyan (0%)
- Magenta (52%)
- Yellow (65%)
- Black (37%)



- Cyan (37%)
- Magenta (70%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A04C38 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 A04C38 by changing the saturation by 10% instead.



 A04C38

 A04C38

FFFFFF

 833422

 DB7F67

 671B0D

 F99981

 4C0000

 FF859B

 320000

 FFD1B6

 040000

 FFEDD1

 000000

 FFFFEE

 A04C38

 A04C38

 A03F28

 A05948

 A03218

 A06658

 A02508

 A07368

 A01F00

 A08078

 A08D88

 A09A98

 A0A6A8

 A0B3B8

 A0C0C8

# Harmonies

## Analogous

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



A6435A



A04C38



8B5A1E

# Triad

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



A04C38



00744B



3465AC

# Complementary

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



A04C38



388CA0

# 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.



006FA8



A04C38



007670

# Square

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



A04C38



45702A



007592



77569C

# Rectangle

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



A04C38



776316



007592



0069AD



# Sweetspot

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



A04C38



D1AFA7



A0388D



69544F



E8E8E8



696969



# Same Dimension

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



A04C38



D14D2E



A07F38



4F4947



8F1B00



0F0300



# Inverse Universe

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



388CA0



2EB2D1



3859A0



474E4F



00738F



000C0F



# Previews

## White Background



This preview shows how the Hex color A04C38 looks on a white background.

## Color Contrast Check

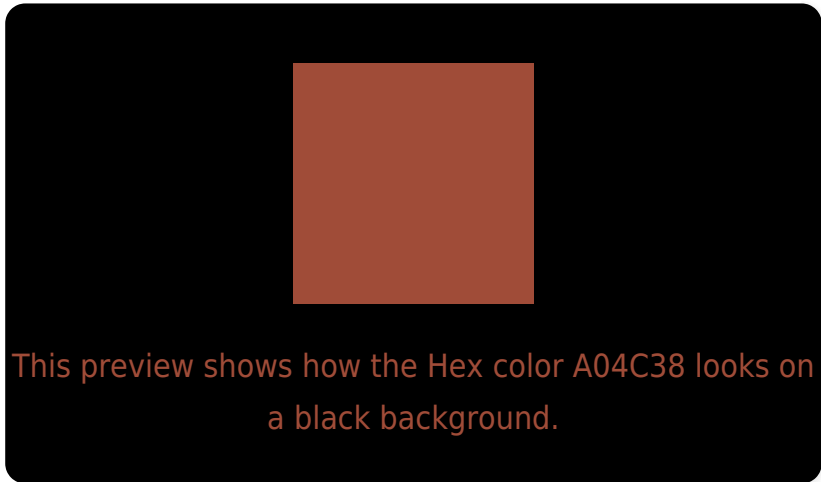
Large Text (above 18pt) WCAG AA ✓ Pass

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 A04C38 Background



This preview shows how black text looks on a background with the Hex color A04C38.

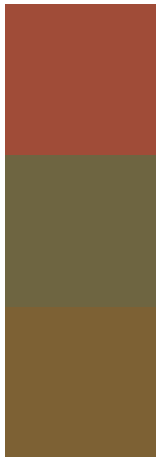


This preview shows how white text looks on a background with the Hex color A04C38.

# 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**  
A04C38

**Protanopia**  
6E6541

**Deuteranopia**  
7D6134



**Tritanopia**  
A1494E

# Trichromacy



**Original Color**  
A04C38

**Protanomaly**  
805C3E

**Deuteranomaly**  
8A5935

**Tritanomaly**  
A14A46

# Monochromacy



**Original Color**  
A04C38

**Achromatopsia**  
636363

**Achromatomaly**  
795B53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A04C38 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 #A04C38 looks like.

```
.text, #text, p{  
    color:#A04C38  
}
```

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 #A04C38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A04C38
}
```

## Border

The CSS property to change the border of an element to Hex A04C38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

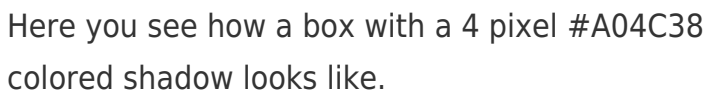
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A04C38 }
```

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

```
.border{ border-color:#A04C38 }
```

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



Here you see how a box with a 4 pixel #A04C38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A04C38; -webkit-box-shadow:4px 4px  
4px 4px #A04C38; box-shadow:4px 4px 4px  
4px #A04C38 }
```

# Background

The CSS property to change the background color of an element to Hex A04C38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A04C38 }
```

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

```
.background{ background-color:#A04C38 }
```

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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