

# Converting Colors

Hex(A03413)

Have a look what the booklet for  
Hex(A03413) contains.

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**Color**

**Hex(A03413)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A03413
RGB	160, 52, 19
RGB Percent	63%, 20%, 7%
CMY	0.3725, 0.7961, 0.9255
CMYK	0.00, 0.68, 0.88, 0.37
HSL	14°, 79%, 35%
HSV	14°, 88%, 63%
XYZ	15.8427, 9.9766, 1.7068
YIQ	80.5300, 74.9610, 12.6330

# Conversions

## Conversions Part 2

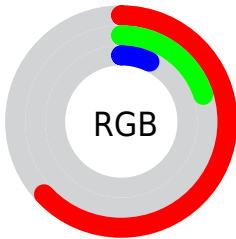
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 62, 19
Decimal	10499091
CIE <sub>Lab</sub>	37.80, 43.27, 42.71
CIE <sub>LCh</sub>	38, 60.796, 44.623
Yxy	9.9766, 0.5756, 0.3624
Android (android.graphics.Color)	4288689171 (0xFFA03413)
YUV	80.5300, -30.3343, 69.6952
Hunter-Lab	31.5857, 34.2568, 18.9062

# Details

The Hex color **A03413** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **137FA0**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **DD6842**, and **640000** is the 20% darker color. If you saturate the color by 10%, you get **A02803**, and if you desaturate by 10%, it is **A04023**.

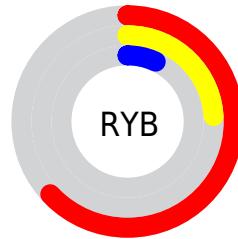
# Distribution



Red (63%)

Green (20%)

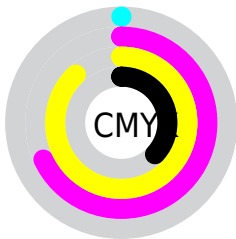
Blue (7%)



Red (63%)

Yellow (24%)

Blue (7%)

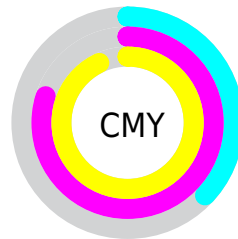


Cyan (0%)

Magenta (68%)

Yellow (88%)

Black (37%)



Cyan (37%)

Magenta (80%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A03413 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 A03413 by changing the saturation by 10% instead.



 A03413

 A03413

FFFFFFD

 821800

 DD6842

 640000

 FD835A

 470000

 FF9E73

 2D0002

 FFB98D

 000000

 FFD6A8

 FFF3C4

 FFFFEO

 A03413

 A03413

■ A02803

■ A04023

■ A02500

■ A04D33

■ A05943

■ A06553

■ A07163

■ A07E73

■ A08A83

■ A09693

■ A0A2A3

# Harmonies

## Analogous

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



AE1743



A03413



814D00

# Triad

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



A03413



006C3D



0057B9

# Complementary

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



A03413



137FA0

# 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.



0066B9



A03413



006E71

# Square

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



A03413



106800



006D9E



773EA0

# Rectangle

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



A03413



665A00



006D9E



005DBC



# Sweetspot

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



A03413



D1A79B



A0137F



695048



E8E8E8



696969



# Same Dimension

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



A03413



D13100



A07A13



4F4947



8F2100



0F0400



# Inverse Universe

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



137FA0



00A0D1



1339A0



474D4F



006D8F



000C0F



# Previews

## White Background



This preview shows how the Hex color A03413 looks on a white background.

## Color Contrast Check

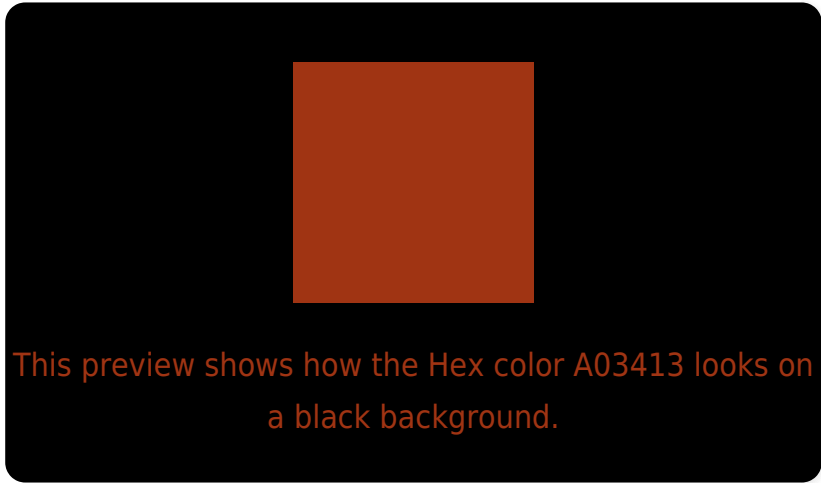
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 A03413 Background



This preview shows how black text looks on a background with the Hex color A03413.



This preview shows how white text looks on a background with the Hex color A03413.

# 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**  
A03413

**Protanopia**  
655A1C

**Tritanopia**  
A13133

# Trichromacy



**Original Color**  
A03413

**Protanomaly**  
7A4C19

**Tritanomaly**  
A13227

# Monochromacy



**Original Color**  
A03413

**Achromatopsia**  
515151

**Achromatomaly**  
6E463A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A03413 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 #A03413 looks like.

```
.text, #text, p{  
    color:#A03413  
}
```

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 #A03413 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A03413
}
```

## Border

The CSS property to change the border of an element to Hex A03413 is called "border". The border property can be set on classes, ids or directly on the HTML element.

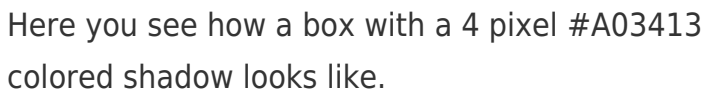
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A03413 }
```

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

```
.border{ border-color:#A03413 }
```

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



Here you see how a box with a 4 pixel #A03413 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A03413; -webkit-box-shadow:4px 4px  
4px 4px #A03413; box-shadow:4px 4px 4px  
4px #A03413 }
```

# Background

The CSS property to change the background color of an element to Hex A03413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A03413 }
```

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

```
.background{ background-color:#A03413 }
```

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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