

# Converting Colors

Hex(603912)

Have a look what the booklet for  
Hex(603912) contains.

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**Color**

**Hex(603912)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	603912
RGB	96, 57, 18
RGB Percent	38%, 22%, 7%
CMY	0.6235, 0.7765, 0.9294
CMYK	0.00, 0.41, 0.81, 0.62
HSL	30°, 68%, 22%
HSV	30°, 81%, 38%
XYZ	6.3962, 5.4567, 1.2884
YIQ	64.2150, 35.7630, -3.8610

# Conversions

## Conversions Part 2

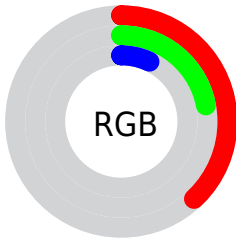
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 96, 18
Decimal	6306066
CIELab	28.00, 13.73, 30.28
CIElCh	28, 33.250, 65.616
Yxy	5.4567, 0.4867, 0.4152
Android (android.graphics.Color)	4284496146 (0xFF603912)
YUV	64.2150, -22.7840, 27.8754
Hunter-Lab	23.3596, 7.9963, 13.0816

# Details

The Hex color **603912** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **123960**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **96683F**, and **2D0F00** is the 20% darker color. If you saturate the color by 10%, you get **603408**, and if you desaturate by 10%, it is **603E1C**.

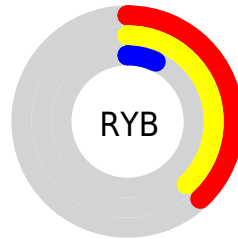
# Distribution



Red (38%)

Green (22%)

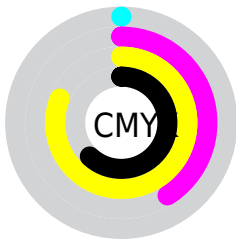
Blue (7%)



Red (38%)

Yellow (38%)

Blue (7%)

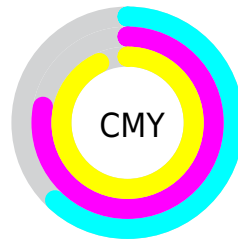


Cyan (0%)

Magenta (41%)

Yellow (81%)

Black (62%)



Cyan (62%)

Magenta (78%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 603912 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 603912 by changing the saturation by 10% instead.



 603912

 603912

 FFFFF8

 472300

 96683F

 2D0F00

 B28157

 0D0000

 CF9B70

 000000

 ECB689

 FFD2A4

 FFEEBF

 FFFFDB

 603912

 603912

■ 603408

■ 603E1C

■ 603000

■ 604325

■ 60472F

■ 604C38

■ 605142

■ 60564C

■ 605B55

■ 605F5F

■ 606468

# Harmonies

## Analogous

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



6E2F26



603912



4B4209

# Triad

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



603912



004E46



49396C

# Complementary

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



603912



123960

# 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.



104375



603912



004E5F

# Square

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



603912



004D2C



004A70



652F58

# Rectangle

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



603912



3A4710



004A70



3C3D70



# Sweetspot

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



603912



7D6E5F



601239



40372D



BFBFBF



404040



# Same Dimension

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



603912



7D4002



606012



302E2C



703800



F07800



# Inverse Universe

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



123960



02407D



121260



2C2E30



003870



0078F0



# Previews

## White Background



This preview shows how the Hex color 603912 looks on a white background.

## Color Contrast Check

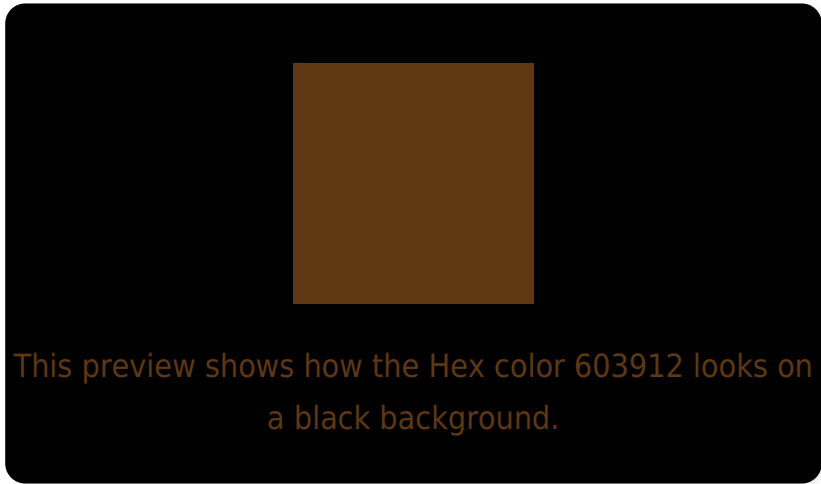
Large Text (above 18pt) WCAG AA ✓ Pass

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

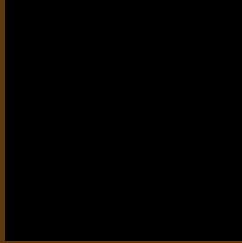
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 603912 Background



This preview shows how black text looks on a background with the Hex color 603912.



This preview shows how white text looks on a background with the Hex color 603912.

# 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**  
603912

**Protanopia**  
4B4315

**Deuteranopia**  
543F0F



**Tritanopia**  
623539

# Trichromacy



**Original Color**  
603912

**Protanomaly**  
533F14

**Deuteranomaly**  
583D10

**Tritanomaly**  
61362B

# Monochromacy



**Original Color**  
603912

**Achromatopsia**  
404040

**Achromatomaly**  
4C3D2F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 603912 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 #603912 looks like.

```
.text, #text, p{  
    color:#603912  
}
```

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 #603912 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #603912
}
```

## Border

The CSS property to change the border of an element to Hex 603912 is called "border". The border property can be set on classes, ids or directly on the HTML element.

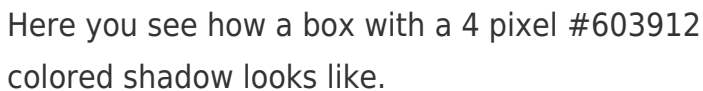
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#603912 }
```

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

```
.border{ border-color:#603912 }
```

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



Here you see how a box with a 4 pixel #603912 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #603912; -webkit-box-shadow:4px 4px  
4px 4px #603912; box-shadow:4px 4px 4px  
4px #603912 }
```

# Background

The CSS property to change the background color of an element to Hex 603912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#603912 }
```

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

```
.background{ background-color:#603912 }
```

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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