

# Converting Colors

Hex(603930)

Have a look what the booklet for  
Hex(603930) contains.

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**Color**

**Hex(603930)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	603930
RGB	96, 57, 48
RGB Percent	38%, 22%, 19%
CMY	0.6235, 0.7765, 0.8118
CMYK	0.00, 0.41, 0.50, 0.62
HSL	11°, 33%, 28%
HSV	11°, 50%, 38%
XYZ	6.8205, 5.6265, 3.5228
YIQ	67.6350, 26.1330, 5.4690

# Conversions

## Conversions Part 2

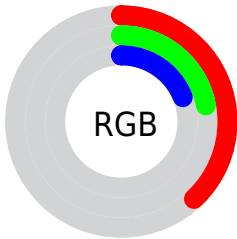
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 59, 48
Decimal	6306096
CIELab	28.45, 16.18, 12.91
CIElCh	28, 20.700, 38.578
Yxy	5.6265, 0.4271, 0.3523
Android (android.graphics.Color)	4284496176 (0xFF603930)
YUV	67.6350, -9.6801, 24.8761
Hunter-Lab	23.7201, 9.8157, 7.7985

# Details

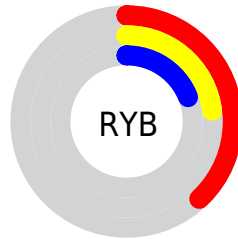
The Hex color **603930** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **305760**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **94695E**, and **300E00** is the 20% darker color. If you saturate the color by 10%, you get **603126**, and if you desaturate by 10%, it is **60413A**.

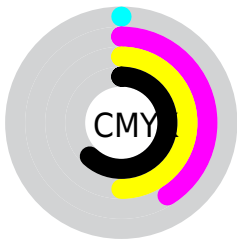
# Distribution



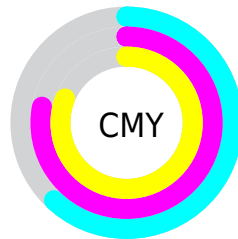
- Red (38%)
- Green (22%)
- Blue (19%)



- Red (38%)
- Yellow (23%)
- Blue (19%)



- Cyan (0%)
- Magenta (41%)
- Yellow (50%)
- Black (62%)



- Cyan (62%)
- Magenta (78%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 603930 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 603930 by changing the saturation by 10% instead.



 603930

 603930

FFFFFF

 47231B

 94695E

 300E00

 B08277

 150000

 CC9C90

 000000

 E8B7AB

 FFD3C6

 FFEFE2

 603930

 603930

 603126

 60413A

■ 60291D

■ 604943

■ 602213

■ 60504D

■ 601A0A

■ 605856

■ 601200

■ 606060

■ 60686A

■ 607073

■ 60777D

■ 607F86

# Harmonies

## Analogous

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



62363F



603930



573E26

# Triad

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



603930



244B37



334362

# Complementary

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



603930



305760

# 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.



144860



603930



094C47

# Square

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



603930



38482A



004B56



4B3D5C

# Rectangle

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



603930



4E4223



004B56



2A4563



# Sweetspot

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



603930



7D6E6A



603057



403634



BFBFBF



404040



# Same Dimension

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



603930



7D4032



605130



302D2C



701500



F02D00



# Inverse Universe

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



305760



326F7D



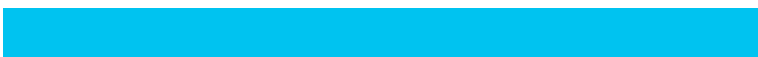
303F60



2C3030



005B70



00C3F0



# Previews

## White Background



This preview shows how the Hex color 603930 looks on a white background.

## Color Contrast Check

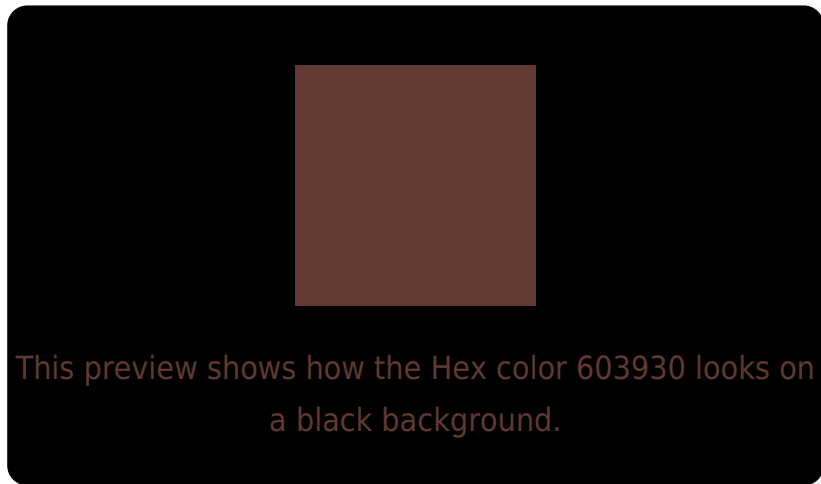
Large Text (above 18pt) WCAG AA ✓ Pass

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 603930 Background



This preview shows how black text looks on a background with the Hex color 603930.

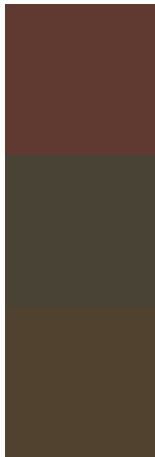


This preview shows how white text looks on a background with the Hex color 603930.

# 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**  
603930

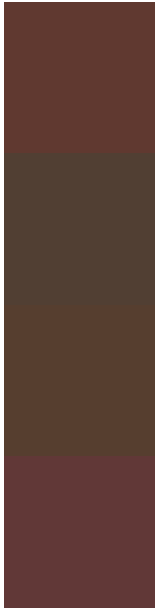
**Protanopia**  
484335

**Deuteranopia**  
51412F



**Tritanopia**  
61373B

# Trichromacy



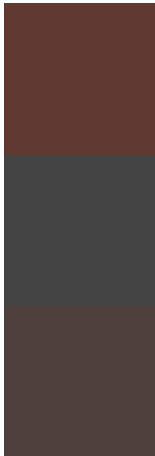
**Original Color**  
603930

**Protanomaly**  
513F33

**Deuteranomaly**  
563E2F

**Tritanomaly**  
613837

# Monochromacy



**Original Color**  
603930

**Achromatopsia**  
444444

**Achromatomaly**  
4E403D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 603930 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 #603930 looks like.

```
.text, #text, p{  
    color:#603930  
}
```

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 #603930 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #603930
}
```

## Border

The CSS property to change the border of an element to Hex 603930 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
#603930 }
```

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

```
.border{ border-color:#603930 }
```

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

Here you see how a box with a 4 pixel #603930 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #603930; -webkit-box-shadow:4px 4px  
4px 4px #603930; box-shadow:4px 4px 4px  
4px #603930 }
```

# Background

The CSS property to change the background color of an element to Hex 603930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#603930 }
```

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

```
.background{ background-color:#603930 }
```

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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