

# Converting Colors

Hex(603136)

Have a look what the booklet for  
Hex(603136) contains.

<b>Hex(603136)</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(603136)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	603136
RGB	96, 49, 54
RGB Percent	38%, 19%, 21%
CMY	0.6235, 0.8078, 0.7882
CMYK	0.00, 0.49, 0.44, 0.62
HSL	354°, 32%, 28%
HSV	354°, 49%, 38%
XYZ	6.5880, 4.9498, 4.0982
YIQ	63.6230, 26.4070, 11.5190

# Conversions

## Conversions Part 2

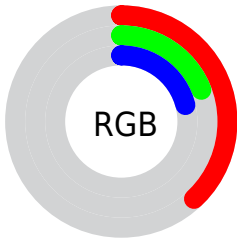
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 49, 54
Decimal	6304054
CIE <sub>Lab</sub>	26.59, 21.81, 6.41
CIE <sub>LCh</sub>	27, 22.728, 16.375
Yxy	4.9498, 0.4213, 0.3166
Android (android.graphics.Color)	4284494134 (0xFF603136)
YUV	63.6230, -4.7441, 28.3946
Hunter-Lab	22.2481, 13.9228, 4.6521

# Details

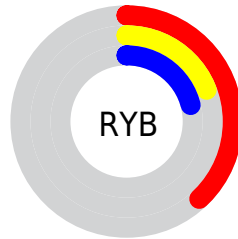
The Hex color **603136** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **31605B**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **956065**, and **2F040A** is the 20% darker color. If you saturate the color by 10%, you get **60272D**, and if you desaturate by 10%, it is **603B3F**.

# Distribution



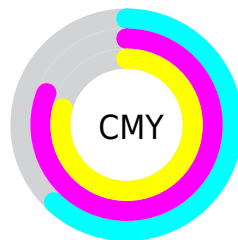
- Red (38%)
- Green (19%)
- Blue (21%)



- Red (38%)
- Yellow (19%)
- Blue (21%)



- Cyan (0%)
- Magenta (49%)
- Yellow (44%)
- Black (62%)



- Cyan (62%)
- Magenta (81%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 603136 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 603136 by changing the saturation by 10% instead.



 603136

 603136


FFFFFF

 471B21

 956065

 2F040A

 B07A7D

 110000

 CC9497

 000000

 E9AEB2

 FFCACE

 FFE6EA

 603136

 603136

 60272D

 603B3F

■ 601E25

■ 604447

■ 60141C

■ 604E50

■ 600B14

■ 605758

■ 60010B

■ 606161

■ 60000A

■ 606B69

■ 607472

■ 607E7B

■ 608783

# Harmonies

## Analogous

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



5B3248



603136



5C3527

# Triad

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



603136



2D4526



0E4360

# Complementary

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



603136



31605B

# 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.



004657



603136



134736

# Square

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



603136



40411D



004848



343D60

# Rectangle

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



603136



55391F



004848



00445E



# Sweetspot

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



603136



7D6A6C



5B3160



403435



BFBFBF



404040



# Same Dimension

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



603136



7D333B



604331



302C2C



70000C



F0001A



# Inverse Universe

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



603136



7D333B



314E60



302C2C



70000C

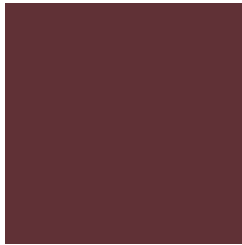


F0001A



# Previews

## White Background



This preview shows how the Hex color 603136 looks on a white background.

## Color Contrast Check

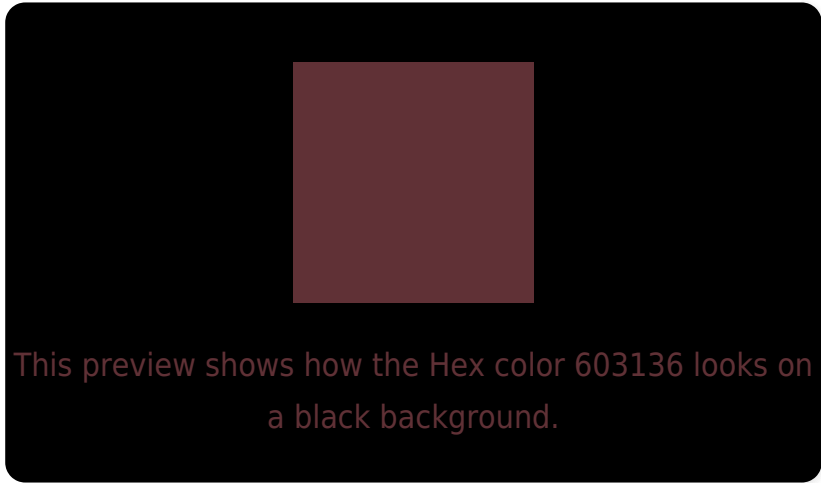
Large Text (above 18pt) WCAG AA ✓ Pass

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

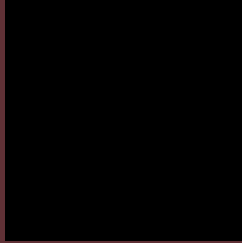
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 603136 Background



This preview shows how black text looks on a background with the Hex color 603136.



This preview shows how white text looks on a background with the Hex color 603136.

# 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**  
603136

**Protanopia**  
413F3D

**Deuteranopia**  
4A3D34



**Tritanopia**  
603135

# Trichromacy



**Original Color**  
603136

**Protanomaly**  
4C3A3A

**Deuteranomaly**  
523935

**Tritanomaly**  
603135

# Monochromacy



**Original Color**  
603136

**Achromatopsia**  
404040

**Achromatomaly**  
4C3B3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 603136 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 #603136 looks like.

```
.text, #text, p{  
    color:#603136  
}
```

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 #603136 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #603136
}
```

## Border

The CSS property to change the border of an element to Hex 603136 is called "border". The border property can be set on classes, ids or directly on the HTML element.

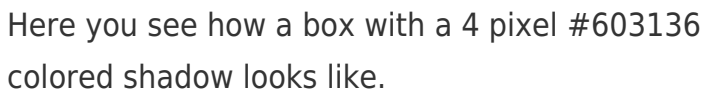
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#603136 }
```

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

```
.border{ border-color:#603136 }
```

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



Here you see how a box with a 4 pixel #603136 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #603136; -webkit-box-shadow:4px 4px  
4px 4px #603136; box-shadow:4px 4px 4px  
4px #603136 }
```

# Background

The CSS property to change the background color of an element to Hex 603136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#603136 }
```

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

```
.background{ background-color:#603136 }
```

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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