

# Converting Colors

Hex(602F2C)

Have a look what the booklet for  
Hex(602F2C) contains.

<b>Hex(602F2C)</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(602F2C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	602F2C
RGB	96, 47, 44
RGB Percent	38%, 18%, 17%
CMY	0.6235, 0.8157, 0.8275
CMYK	0.00, 0.51, 0.54, 0.62
HSL	3°, 37%, 27%
HSV	3°, 54%, 38%
XYZ	6.2950, 4.7017, 2.9586
YIQ	61.3090, 30.1670, 9.4550

# Conversions

## Conversions Part 2

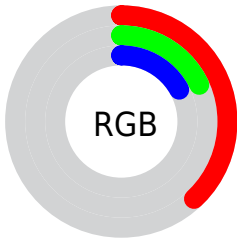
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 47, 44
Decimal	6303532
CIELab	25.87, 21.83, 12.06
CIELCh	26, 24.942, 28.909
Yxy	4.7017, 0.4511, 0.3369
Android (android.graphics.Color)	4284493612 (0xFF602F2C)
YUV	61.3090, -8.5333, 30.4240
Hunter-Lab	21.6833, 13.8754, 7.0885

# Details

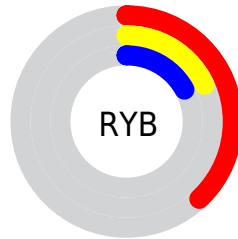
The Hex color **602F2C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2C5D60**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **955E59**, and **2F0200** is the 20% darker color. If you saturate the color by 10%, you get **602622**, and if you desaturate by 10%, it is **603836**.

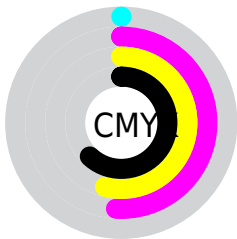
# Distribution



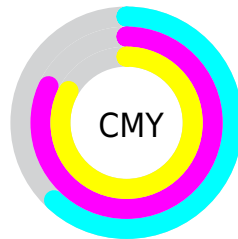
- Red (38%)
- Green (18%)
- Blue (17%)



- Red (38%)
- Yellow (18%)
- Blue (17%)



- Cyan (0%)
- Magenta (51%)
- Yellow (54%)
- Black (62%)



- Cyan (62%)
- Magenta (82%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 602F2C 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 602F2C by changing the saturation by 10% instead.



 602F2C

 602F2C

FFFFFF

 471917

 955E59

 2F0200

 B17772

 0A0000

 CD918B

 000000

 EAACA6

 FFC7C1

 FFE4DD

 FFFFF9

 602F2C

 602F2C

■ 602622

■ 603836

■ 601D19

■ 60413F

■ 60140F

■ 604A49

■ 600B06

■ 605352

■ 600600

■ 605C5C

■ 606566

■ 606E6F

■ 607779

■ 608082

# Harmonies

## Analogous

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



5F2D3F



602F2C



58351D

# Triad

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



602F2C



1E4529



183F63

# Complementary

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



602F2C



2C5D60

# 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.



00445D



602F2C



00473C

# Square

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



602F2C



36421B



00474F



3D395E

# Rectangle

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



602F2C



4E3A17



00474F



004162



# Sweetspot

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



602F2C



7D6A69



602C5D



403434



BFBFBF



404040



# Same Dimension

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



602F2C



7D302C



60492C



302C2C



700600



F00E00



# Inverse Universe

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



2C5D60



2C787D



2C4360



2C3030



006A70

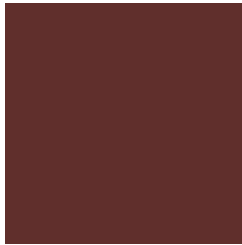


00E2F0



# Previews

## White Background



This preview shows how the Hex color 602F2C looks on a white background.

## Color Contrast Check

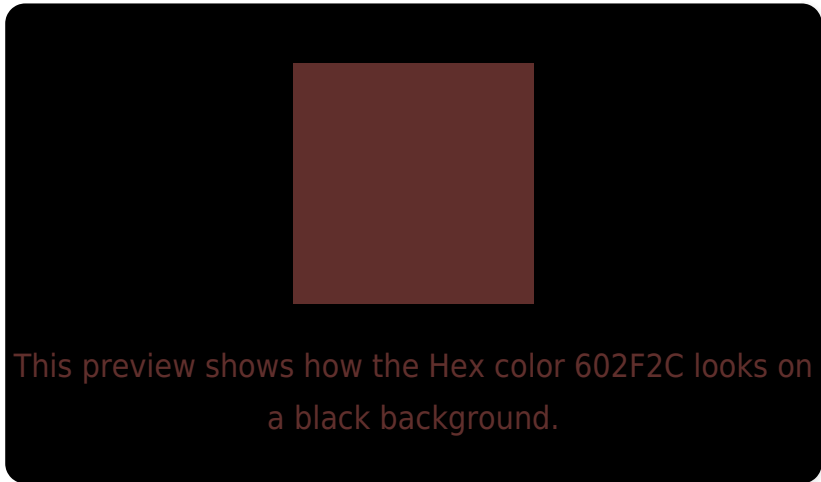
Large Text (above 18pt) WCAG AA ✓ Pass

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

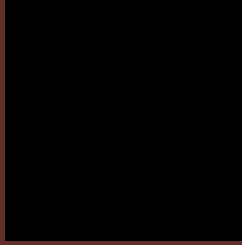
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 602F2C Background



This preview shows how black text looks on a background with the Hex color 602F2C.

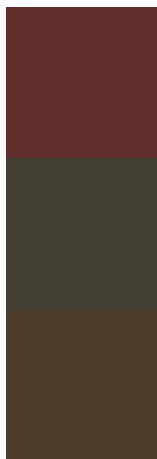


This preview shows how white text looks on a background with the Hex color 602F2C.

# 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**  
602F2C

**Protanopia**  
423E33

**Deuteranopia**  
4A3B2A



**Tritanopia**  
602E31

# Trichromacy



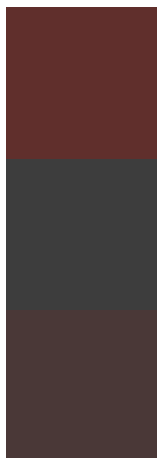
**Original Color**  
602F2C

**Protanomaly**  
4D3930

**Deuteranomaly**  
52372B

**Tritanomaly**  
602E2F

# Monochromacy



**Original Color**  
602F2C

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
4A3837

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 602F2C 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 #602F2C looks like.

```
.text, #text, p{  
    color:#602F2C  
}
```

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 #602F2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #602F2C
}
```

## Border

The CSS property to change the border of an element to Hex 602F2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

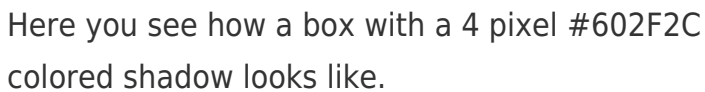
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#602F2C }
```

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

```
.border{ border-color:#602F2C }
```

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



Here you see how a box with a 4 pixel #602F2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #602F2C; -webkit-box-shadow:4px 4px  
4px 4px #602F2C; box-shadow:4px 4px 4px  
4px #602F2C }
```

# Background

The CSS property to change the background color of an element to Hex 602F2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#602F2C }
```

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

```
.background{ background-color:#602F2C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor