

# Converting Colors

Hex(601B2F)

Have a look what the booklet for  
Hex(601B2F) contains.

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# Color

**Hex(601B2F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	601B2F
RGB	96, 27, 47
RGB Percent	38%, 11%, 18%
CMY	0.6235, 0.8941, 0.8157
CMYK	0.00, 0.72, 0.51, 0.62
HSL	343°, 56%, 24%
HSV	343°, 72%, 38%
XYZ	5.7289, 3.4759, 3.0583
YIQ	49.9110, 34.7040, 20.8480

# Conversions

## Conversions Part 2

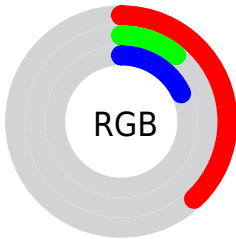
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 27, 47
Decimal	6298415
CIE <sub>Lab</sub>	21.86, 32.86, 4.48
CIE <sub>LCh</sub>	22, 33.168, 7.755
Yxy	3.4759, 0.4672, 0.2834
Android (android.graphics.Color)	4284488495 (0xFF601B2F)
YUV	49.9110, -1.4351, 40.4201
Hunter-Lab	18.6438, 22.2233, 3.3248

# Details

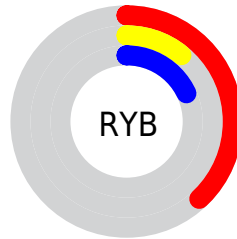
The Hex color **601B2F** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1B604C**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **964C5D**, and **300000** is the 20% darker color. If you saturate the color by 10%, you get **601128**, and if you desaturate by 10%, it is **602536**.

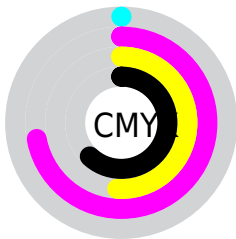
# Distribution



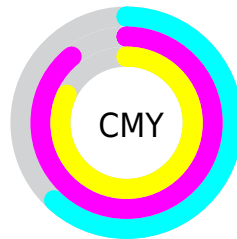
- Red (38%)
- Green (11%)
- Blue (18%)



- Red (38%)
- Yellow (11%)
- Blue (18%)



- Cyan (0%)
- Magenta (72%)
- Yellow (51%)
- Black (62%)



- Cyan (62%)
- Magenta (89%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 601B2F 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 601B2F by changing the saturation by 10% instead.



 601B2F

 601B2F

FFFFFF

 46001A

 964C5D

 300000

 B26575

 000000

 CE7F8F

 EB99A9

 FFB4C4

 FFD0E0

 FFEDFD

 601B2F

 601B2F

■ 601128

■ 602536

■ 600821

■ 602E3D

■ 60001C

■ 603843

■ 60414A

■ 604B51

■ 605558

■ 605E5F

■ 606866

■ 60716C

# Harmonies

## Analogous

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



562047



601B2F



5C2218

# Triad

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



601B2F



203B09



003C62

# Complementary

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



601B2F



1B604C

# 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.



003F52



601B2F



003E21

# Square

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



601B2F



3B3500



00403A



003565

# Rectangle

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



601B2F



542908



00403A



003D5E



# Sweetspot

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



601B2F



7D6169



4B1B60



402F34



BFBFBF



404040



# Same Dimension

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



601B2F



7D1131



60291B



302C2D



700021



F00045



# Inverse Universe

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



601B2F



7D1131



1B5260



302C2D



700021

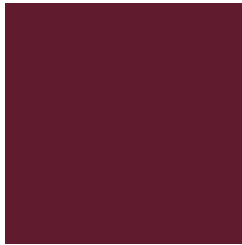


F00045



# Previews

## White Background



This preview shows how the Hex color 601B2F looks on a white background.

## Color Contrast Check

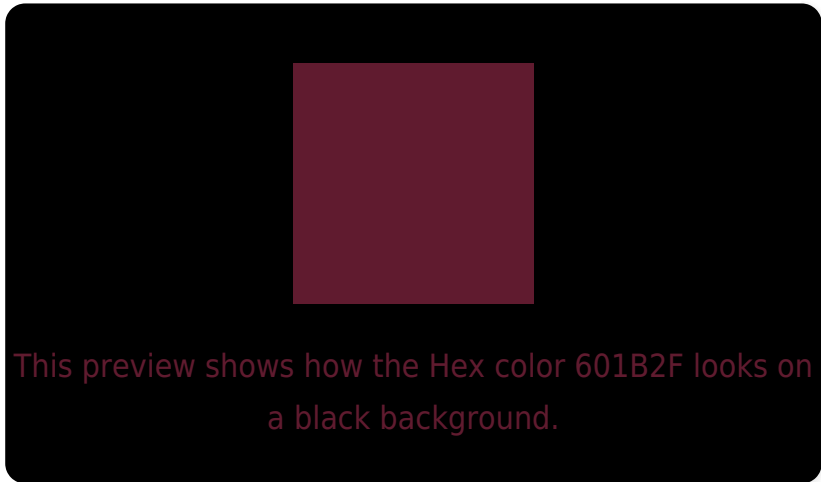
Large Text (above 18pt) WCAG AA ✓ Pass

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

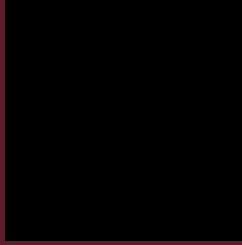
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 601B2F Background



This preview shows how black text looks on a background with the Hex color 601B2F.



This preview shows how white text looks on a background with the Hex color 601B2F.

# 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**  
601B2F

**Protanopia**  
35353D

**Deuteranopia**  
3F342C



**Tritanopia**  
5F1E20

# Trichromacy



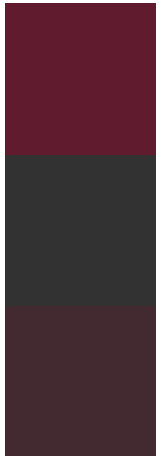
**Original Color**  
601B2F

**Protanomaly**  
452C38

**Deuteranomaly**  
4B2B2D

**Tritanomaly**  
5F1D25

# Monochromacy



**Original Color**  
601B2F

**Achromatopsia**  
323232

**Achromatomaly**  
432A31

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 601B2F 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 #601B2F looks like.

```
.text, #text, p{  
    color:#601B2F  
}
```

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 #601B2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #601B2F
}
```

## Border

The CSS property to change the border of an element to Hex 601B2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

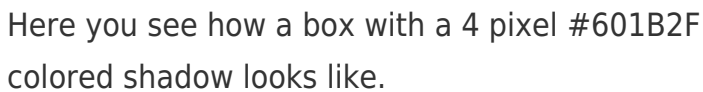
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#601B2F }
```

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

```
.border{ border-color:#601B2F }
```

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



Here you see how a box with a 4 pixel #601B2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #601B2F; -webkit-box-shadow:4px 4px  
4px 4px #601B2F; box-shadow:4px 4px 4px  
4px #601B2F }
```

# Background

The CSS property to change the background color of an element to Hex 601B2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#601B2F }
```

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

```
.background{ background-color:#601B2F }
```

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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