

# Converting Colors

Hex(61A02C)

Have a look what the booklet for  
Hex(61A02C) contains.

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# Color

Hex(61A02C)

# Conversions

## Conversions Part 1

Format	Color
Hex	61A02C
RGB	97, 160, 44
RGB Percent	38%, 63%, 17%
CMY	0.6196, 0.3725, 0.8275
CMYK	0.39, 0.00, 0.72, 0.37
HSL	93°, 57%, 40%
HSV	93°, 72%, 63%
XYZ	17.9552, 27.8648, 6.8150
YIQ	127.9390, -0.3120, -49.4320

# Conversions

## Conversions Part 2

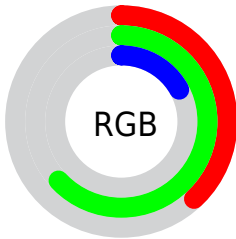
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 160, 107
Decimal	6397996
CIELab	59.77, -39.69, 51.22
CIElCh	60, 64.799, 127.767
Yxy	27.8648, 0.3411, 0.5294
Android (android.graphics.Color)	4284588076 (0xFF61A02C)
YUV	127.9390, -41.3819, -27.1335
Hunter-Lab	52.7872, -31.6620, 29.2965

# Details

The Hex color **61A02C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6B2CA0**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **98D761**, and **296C00** is the 20% darker color. If you saturate the color by 10%, you get **58A01C**, and if you desaturate by 10%, it is **6AA03C**.

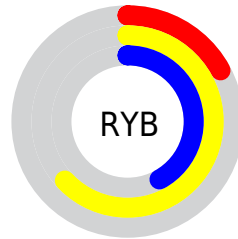
# Distribution



Red (38%)

Green (63%)

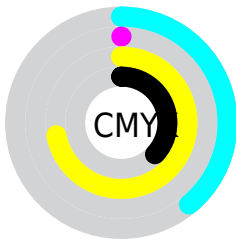
Blue (17%)



Red (17%)

Yellow (63%)

Blue (42%)

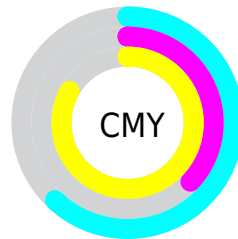


Cyan (39%)

Magenta (0%)

Yellow (72%)

Black (37%)



Cyan (62%)

Magenta (37%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61A02C 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 61A02C by changing the saturation by 10% instead.



 61A02C

 61A02C

FFFFFF

 46850C

 98D761

 296C00

 B4F47C

 075300

 D1FF97

 003B00

 EEFFB2

 002700

 FFFFCF

 000000

 FFFFEB

 61A02C

 61A02C

 58A01C

 6AA03C

 50A00C

 72A04C

 49A000

 7BA05C

 84A06C

 8CA07C

 95A08C

 9EA09C

 A7A0AC

 AFA0BC

# Harmonies

## Analogous

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



9E9200



61A02C



00A862

# Triad

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



61A02C



00A1F9



F65684

# Complementary

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



61A02C



6B2CA0

# 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.



DF60BC



61A02C



0092FF

# Square

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



61A02C



00A9D5



A57AEB



ED654D

# Rectangle

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



61A02C



00AA8A



A57AEB



F25797



# Sweetspot

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



61A02C



B8D1A3



A06A2C



5A694D



E8E8E8



696969



# Same Dimension

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



61A02C



6ED11B



2CA030



4B4F47



418F00



070F00



# Inverse Universe

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



6B2CA0



7E1BD1



A02C9C



4B474F



4E008F



08000F



# Previews

## White Background



This preview shows how the Hex color 61A02C looks on a white background.

## Color Contrast Check

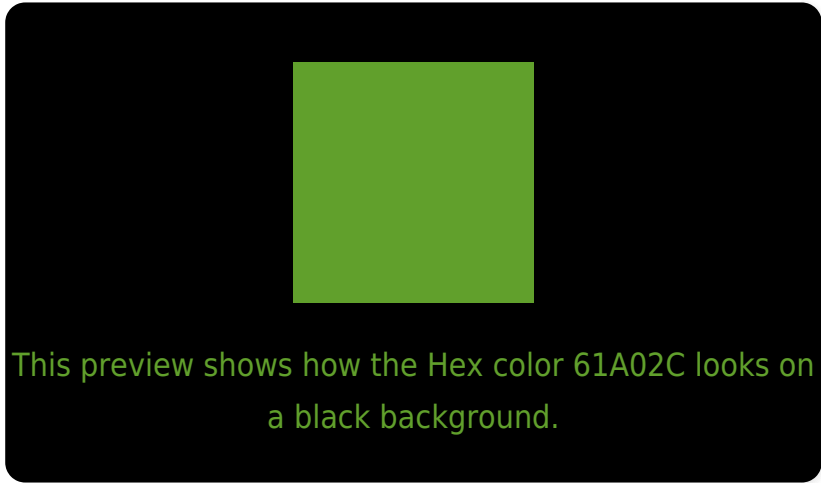
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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 × Fail

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



## Hex 61A02C Background



This preview shows how black text looks on a background with the Hex color 61A02C.



This preview shows how white text looks on a background with the Hex color 61A02C.

# 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**  
61A02C

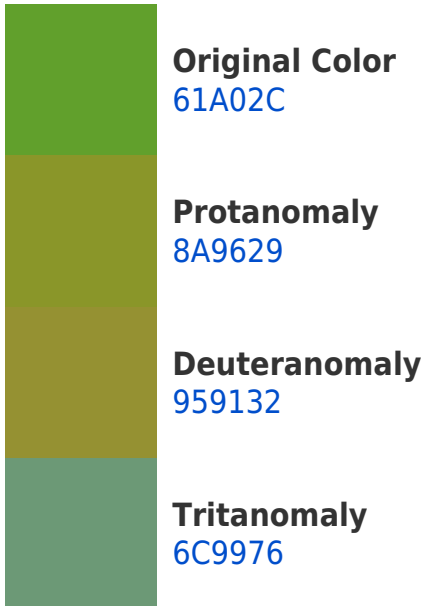
**Protanopia**  
A19028

**Deuteranopia**  
B38835



**Tritanopia**  
7295A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61A02C 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 #61A02C looks like.

```
.text, #text, p{  
    color:#61A02C  
}
```

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 #61A02C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61A02C
}
```

## Border

The CSS property to change the border of an element to Hex 61A02C 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
#61A02C }
```

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

```
.border{ border-color:#61A02C }
```

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

Here you see how a box with a 4 pixel #61A02C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61A02C; -webkit-box-shadow:4px 4px  
4px 4px #61A02C; box-shadow:4px 4px 4px  
4px #61A02C }
```

# Background

The CSS property to change the background color of an element to Hex 61A02C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61A02C }
```

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

```
.background{ background-color:#61A02C }
```

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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