

# Converting Colors

Hex(61A040)

Have a look what the booklet for  
Hex(61A040) contains.

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**Color**

**Hex(61A040)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	61A040
RGB	97, 160, 64
RGB Percent	38%, 63%, 25%
CMY	0.6196, 0.3725, 0.7490
CMYK	0.39, 0.00, 0.60, 0.37
HSL	99°, 43%, 44%
HSV	99°, 60%, 63%
XYZ	18.4260, 28.0532, 9.2941
YIQ	130.2190, -6.7320, -43.2120

# Conversions

## Conversions Part 2

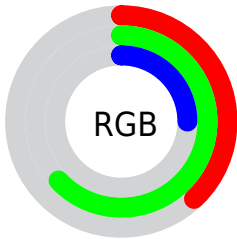
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 160, 127
Decimal	6398016
CIELab	59.94, -37.93, 42.87
CIELCh	60, 57.240, 131.508
Yxy	28.0532, 0.3304, 0.5030
Android (android.graphics.Color)	4284588096 (0xFF61A040)
YUV	130.2190, -32.6460, -29.1331
Hunter-Lab	52.9652, -30.5911, 26.6717

# Details

The Hex color **61A040** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7F40A0**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **97D773**, and **2B6C09** is the 20% darker color. If you saturate the color by 10%, you get **57A030**, and if you desaturate by 10%, it is **6CA050**.

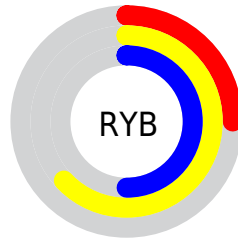
# Distribution



Red (38%)

Green (63%)

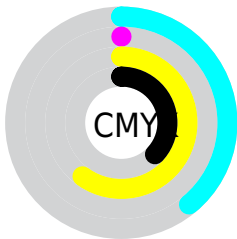
Blue (25%)



Red (25%)

Yellow (63%)

Blue (50%)

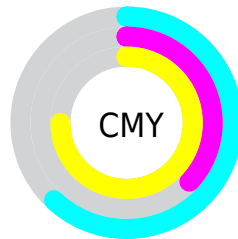


Cyan (39%)

Magenta (0%)

Yellow (60%)

Black (37%)



Cyan (62%)

Magenta (37%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61A040 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 61A040 by changing the saturation by 10% instead.





61A040



61A040

FFFFFF



468527



97D773



2B6C09



B3F48E



085300



D0FFA9



003B00



EDFFC4



002600



FFFFE1



000000

FFFFFFE



61A040



61A040



57A030



6CA050

 4CA020

 76A060

 42A010

 81A070

 37A000

 8BA080

 95A090

 A0A0A0

 ABA0B0

 B5A0C0

 BFA0D0

# Harmonies

## Analogous

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



999423



61A040



00A76F

# Triad

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



61A040



009FF0



EC617F

# Complementary

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



61A040



7F40A0

# 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.



DC67B2



61A040



5190F3

# Square

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



61A040



00A6D2



AC7BDC



E26E50

# Rectangle

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



61A040



00A991



AC7BDC



EA6190



# Sweetspot

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



61A040



B8D1AB



A07E40



596952



E8E8E8



696969



# Same Dimension

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



61A040



6ED13B



40A04E



4A4F47



318F00



050F00



# Inverse Universe

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



7F40A0



9D3BD1



A04092



4C474F



5E008F



0A000F



# Previews

## White Background



This preview shows how the Hex color 61A040 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

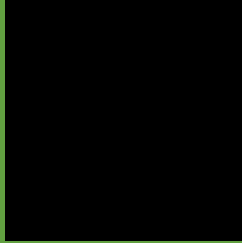
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 61A040 Background



This preview shows how black text looks on a background with the Hex color 61A040.

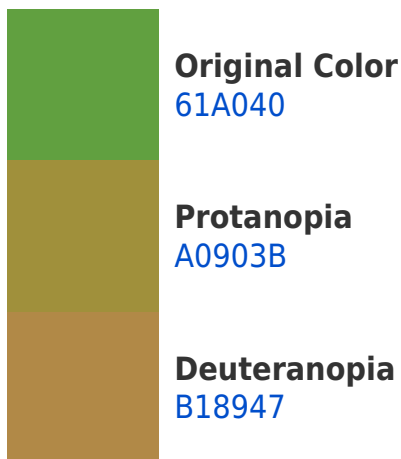


This preview shows how white text looks on a background with the Hex color 61A040.

# 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](#).

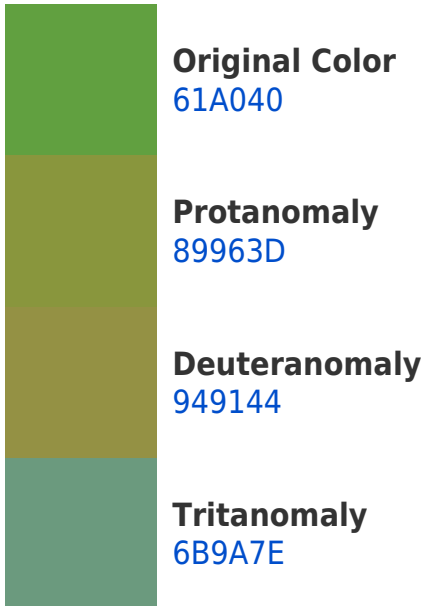
## Dichromacy



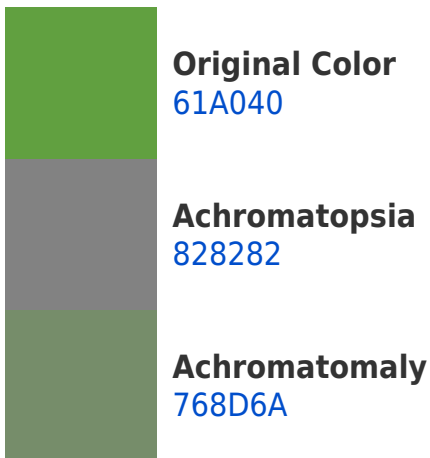


**Tritanopia**  
7196A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61A040 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 #61A040 looks like.

```
.text, #text, p{  
    color:#61A040  
}
```

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 #61A040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61A040
}
```

## Border

The CSS property to change the border of an element to Hex 61A040 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
#61A040 }
```

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

```
.border{ border-color:#61A040 }
```

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

Here you see how a box with a 4 pixel #61A040 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61A040; -webkit-box-shadow:4px 4px  
4px 4px #61A040; box-shadow:4px 4px 4px  
4px #61A040 }
```

# Background

The CSS property to change the background color of an element to Hex 61A040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61A040 }
```

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

```
.background{ background-color:#61A040 }
```

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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