

# Converting Colors

Hex(61A918)

Have a look what the booklet for  
Hex(61A918) contains.

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**Color**

**Hex(61A918)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61A918
RGB	97, 169, 24
RGB Percent	38%, 66%, 9%
CMY	0.6196, 0.3373, 0.9059
CMYK	0.43, 0.00, 0.86, 0.34
HSL	90°, 75%, 38%
HSV	90°, 86%, 66%
XYZ	19.2826, 30.9833, 5.8282
YIQ	130.9420, 3.6330, -60.3590

# Conversions

## Conversions Part 2

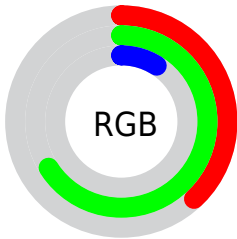
<b>Format</b>	<b>Color</b>
<b>RYB</b>	24, 169, 96
Decimal	6400280
CIELab	62.49, -44.54, 59.96
CIELCh	62, 74.691, 126.605
Yxy	30.9833, 0.3438, 0.5523
Android (android.graphics.Color)	4284590360 (0xFF61A918)
YUV	130.9420, -52.7224, -29.7671
Hunter-Lab	55.6626, -35.5737, 32.7558

# Details

The Hex color **61A918** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6018A9**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **9AE154**, and **257400** is the 20% darker color. If you saturate the color by 10%, you get **59A907**, and if you desaturate by 10%, it is **69A929**.

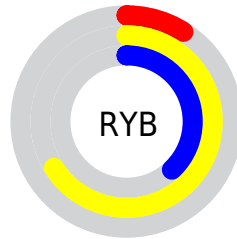
# Distribution



Red (38%)

Green (66%)

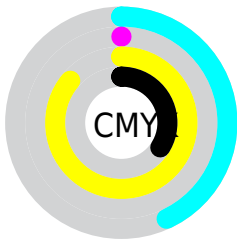
Blue (9%)



Red (9%)

Yellow (66%)

Blue (38%)

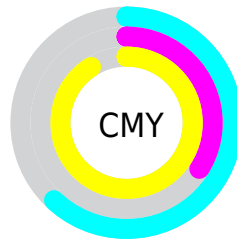


Cyan (43%)

Magenta (0%)

Yellow (86%)

Black (34%)



Cyan (62%)

Magenta (34%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61A918 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 61A918 by changing the saturation by 10% instead.





61A918



61A918

FFFFFF



448E00



9AE154



257400



B6FE70



005B00



D3FF8B



004300



F1FFA7



002C00



FFFFC3



001000



FFFFE0



000000



FFFFFD



61A918



61A918

■ 59A907

■ 69A929

■ 55A900

■ 72A93A

■ 7AA94B

■ 83A95C

■ 8BA96C

■ 93A97D

■ 9CA98E

■ A4A99F

■ ADA9B0

# Harmonies

## Analogous

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



A89900



61A918



00B25F

# Triad

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



61A918



00ACFF



FF4E8B

# Complementary

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



61A918



6018A9

# 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.



F15DCD



61A918



009BFF

# Square

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



61A918



00B4E5



AA7EFF



FF614B

# Rectangle

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



61A918



00B48D



AA7EFF



FF4FA2



# Sweetspot

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



61A918



BFDBA2



A95E18



5D6E4C



EDEDED



6E6E6E



# Same Dimension

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



61A918



6EDB00



1AA918



50544C



4A9400



0A1400



# Inverse Universe

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



6018A9



6D00DB



A718A9



504C54



490094



0A0014



# Previews

## White Background



This preview shows how the Hex color 61A918 looks on a white background.

## Color Contrast Check

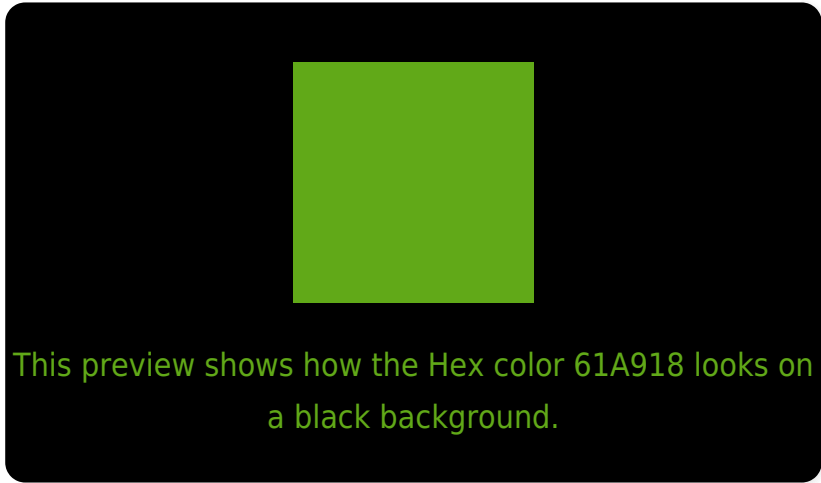
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 ✓ Pass

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



## Hex 61A918 Background



This preview shows how black text looks on a background with the Hex color 61A918.

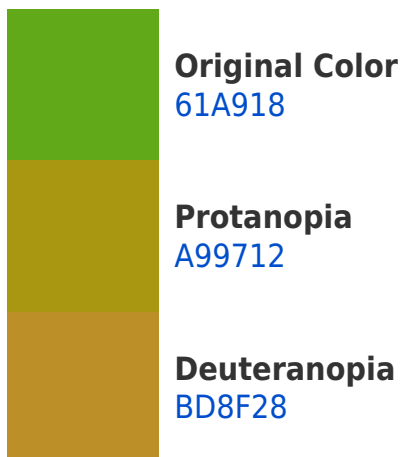


This preview shows how white text looks on a background with the Hex color 61A918.

# Color Blindness Simulation

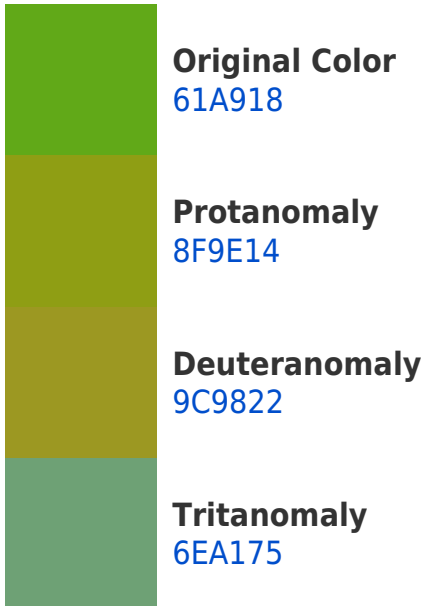
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61A918 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 #61A918 looks like.

```
.text, #text, p{  
    color:#61A918  
}
```

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 #61A918 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61A918
}
```

## Border

The CSS property to change the border of an element to Hex 61A918 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
#61A918 }
```

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

```
.border{ border-color:#61A918 }
```

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

Here you see how a box with a 4 pixel #61A918 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61A918; -webkit-box-shadow:4px 4px  
4px 4px #61A918; box-shadow:4px 4px 4px  
4px #61A918 }
```

# Background

The CSS property to change the background color of an element to Hex 61A918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61A918 }
```

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

```
.background{ background-color:#61A918 }
```

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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