

Converting Colors

Hex(63A71A)

Have a look what the booklet for
Hex(63A71A) contains.

Hex(63A71A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(63A71A)

Conversions

Conversions Part 1

Format	Color
Hex	63A71A
RGB	99, 167, 26
RGB Percent	39%, 65%, 10%
CMY	0.6118, 0.3451, 0.8980
CMYK	0.41, 0.00, 0.84, 0.35
HSL	89°, 73%, 38%
HSV	89°, 84%, 65%
XYZ	19.1508, 30.3647, 5.8289
YIQ	130.5940, 4.7330, -58.2670

Conversions

Conversions Part 2

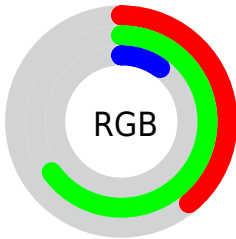
Format	Color
RYB	26, 167, 94
Decimal	6530842
CIELab	61.97, -42.94, 59.05
CIELCh	62, 73.013, 126.026
Yxy	30.3647, 0.3460, 0.5487
Android (android.graphics.Color)	4284720922 (0xFF63A71A)
YUV	130.5940, -51.5648, -27.7079
Hunter-Lab	55.1041, -34.3968, 32.3012

Details

The Hex color **63A71A** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5E1AA7**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **9BDF55**, and **297200** is the 20% darker color. If you saturate the color by 10%, you get **5BA709**, and if you desaturate by 10%, it is **6BA72B**.

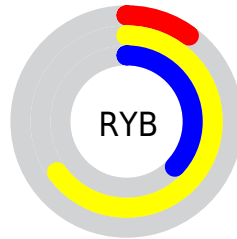
Distribution



Red (39%)

Green (65%)

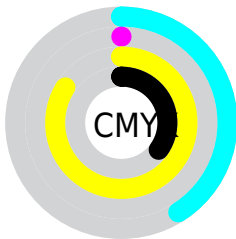
Blue (10%)



Red (10%)

Yellow (65%)

Blue (37%)

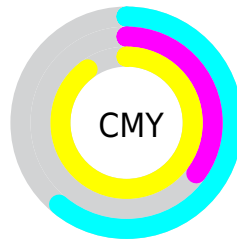


Cyan (41%)

Magenta (0%)

Yellow (84%)

Black (35%)



Cyan (61%)

Magenta (35%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63A71A 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 63A71A by changing the saturation by 10% instead.



63A71A



63A71A

FFFFFF



478C00



9BDF55



297200



B8FB70



005900



D5FF8C



004100



F3FFA7



002B00



FFFFC4



000D00



FFFFE1



000000

FFFFFFE



63A71A



63A71A

 5BA709

 6BA72B

 56A700

 73A73B

 7BA74C

 83A75D

 8BA76E

 93A77E

 9BA78F

 A3A7A0

 ABA7B0

Harmonies

Analogous

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



A89700



63A71A



00B05E

Triad

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



63A71A



00A AFF



FF4F8B

Complementary

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



63A71A



5E1AA7

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.



ED5ECC



63A71A



0099FF

Square

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



63A71A



00B2E1



A67EFF



FF614D

Rectangle

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



63A71A



00B28B



A67EFF



FF50A1

Sweetspot

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



63A71A



BFD9A3



A75C1A



5E6E4D



EDEDED



6E6E6E

Same Dimension

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



63A71A



70D900



1FA71A



50544C



4D9400



0B1400

Inverse Universe

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



5E1AA7



6900D9



A21AA7



504C54



470094



0A0014

Previews

White Background



This preview shows how the Hex color 63A71A looks on a white background.

Color Contrast Check

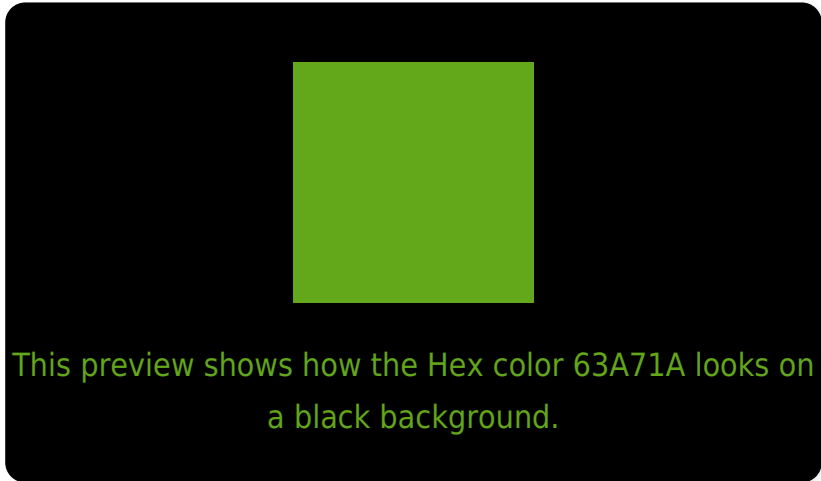
Large Text (above 18pt) WCAG AA × Fail

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 63A71A Background



This preview shows how black text looks on a background with the Hex color 63A71A.

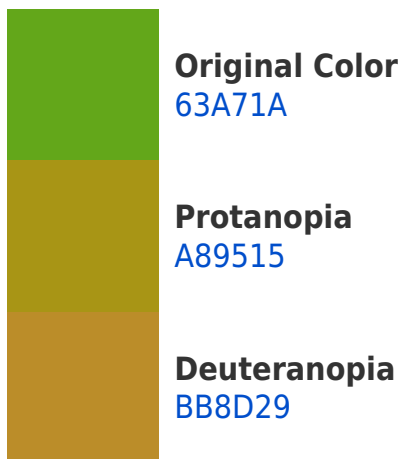


This preview shows how white text looks on a background with the Hex color 63A71A.

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](#).

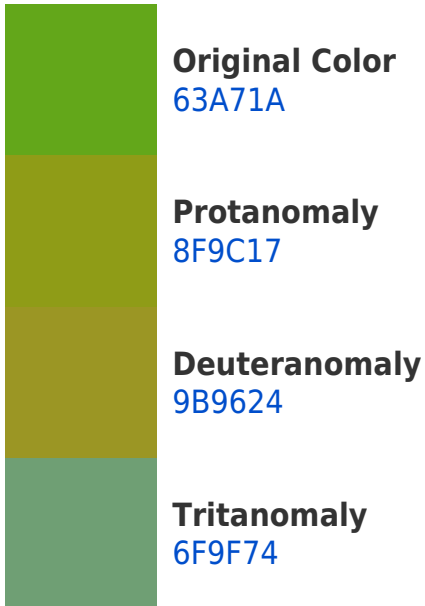
Dichromacy



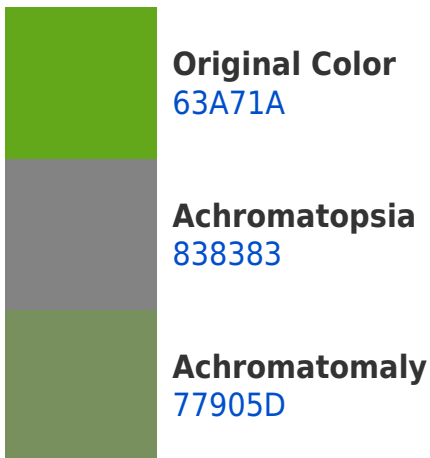


Tritanopia
769BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63A71A 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 #63A71A looks like.

```
.text, #text, p{  
    color:#63A71A  
}
```

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 #63A71A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63A71A
}
```

Border

The CSS property to change the border of an element to Hex 63A71A 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
#63A71A }
```

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

```
.border{ border-color:#63A71A }
```

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

Here you see how a box with a 4 pixel #63A71A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63A71A; -webkit-box-shadow:4px 4px  
4px 4px #63A71A; box-shadow:4px 4px 4px  
4px #63A71A }
```

Background

The CSS property to change the background color of an element to Hex 63A71A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63A71A }
```

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

```
.background{ background-color:#63A71A }
```

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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