

Converting Colors

Hex(63AA1C)

Have a look what the booklet for
Hex(63AA1C) contains.

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Color

Hex(63AA1C)

Conversions

Conversions Part 1

Format	Color
Hex	63AA1C
RGB	99, 170, 28
RGB Percent	39%, 67%, 11%
CMY	0.6118, 0.3333, 0.8902
CMYK	0.42, 0.00, 0.84, 0.33
HSL	90°, 72%, 39%
HSV	90°, 84%, 67%
XYZ	19.7299, 31.4859, 6.1361
YIQ	132.5830, 3.2660, -59.2140

Conversions

Conversions Part 2

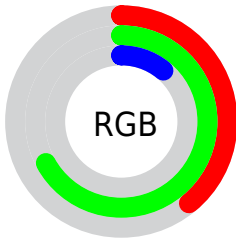
Format	Color
RYB	28, 170, 99
Decimal	6531612
CIELab	62.92, -44.10, 59.38
CIElCh	63, 73.969, 126.601
Yxy	31.4859, 0.3440, 0.5490
Android (android.graphics.Color)	4284721692 (0xFF63AA1C)
YUV	132.5830, -51.5594, -29.4523
Hunter-Lab	56.1123, -35.4334, 32.7950

Details

The Hex color **63AA1C** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **631CAA**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **9BE257**, and **287500** is the 20% darker color. If you saturate the color by 10%, you get **5AAA0B**, and if you desaturate by 10%, it is **6BAA2D**.

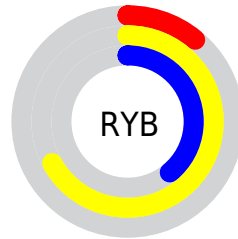
Distribution



Red (39%)

Green (67%)

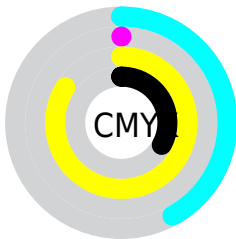
Blue (11%)



Red (11%)

Yellow (67%)

Blue (39%)

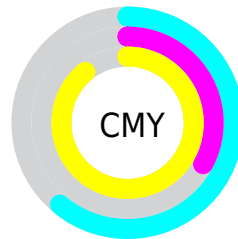


Cyan (42%)

Magenta (0%)

Yellow (84%)

Black (33%)



Cyan (61%)

Magenta (33%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63AA1C 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 63AA1C by changing the saturation by 10% instead.

 63AA1C

 63AA1C

FFFFFF

 478F00

 9BE257

 287500

 B8FF72

 005C00

 D5FF8D

 004300

 F3FFA9

 002D00

 FFFFC6

 001200

 FFFF E3

 000000

 63AA1C

 63AA1C

 5AAA0B

 6BAA2D

■ 55AA00

■ 74AA3E

■ 7CAA4F

■ 85AA60

■ 8DAA71

■ 96AA82

■ 9EAA93

■ A7AAA4

■ AFAAB5

Harmonies

Analogous

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



A99A00



63AA1C



00B361

Triad

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



63AA1C



00ADFF



FF508D

Complementary

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



63AA1C



631CAA

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.



F15FCE



63AA1C



009CFF

Square

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



63AA1C



00B5E5



AB80FF



FF634D

Rectangle

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



63AA1C



00B58E



AB80FF



FF52A3

Sweetspot

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



63AA1C



C2DEA6



AA631C



5F704F



F0F0F0



707070

Same Dimension

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



63AA1C



6FDE00



1CAA1C



50544C



4A9400



0A1400

Inverse Universe

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



631CAA



6F00DE



AA1CAA



504C54



4A0094



0A0014

Previews

White Background



This preview shows how the Hex color 63AA1C looks on a white background.

Color Contrast Check

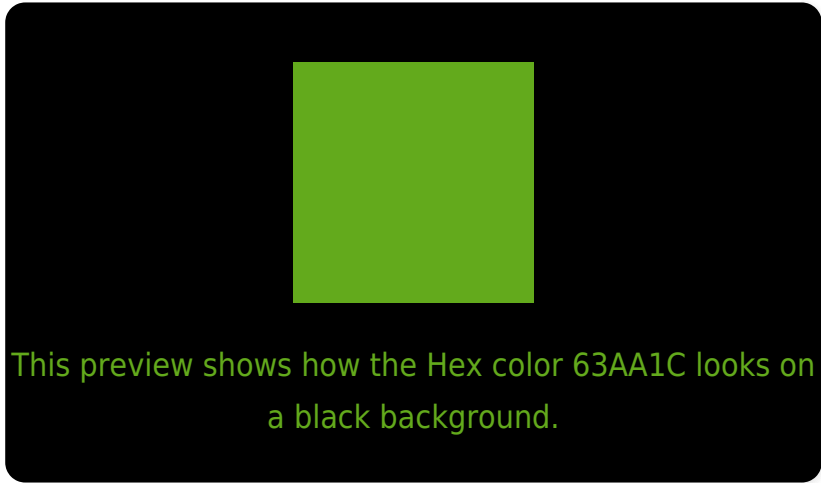
Large Text (above 18pt) WCAG AA × Fail

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 63AA1C Background



This preview shows how black text looks on a background with the Hex color 63AA1C.

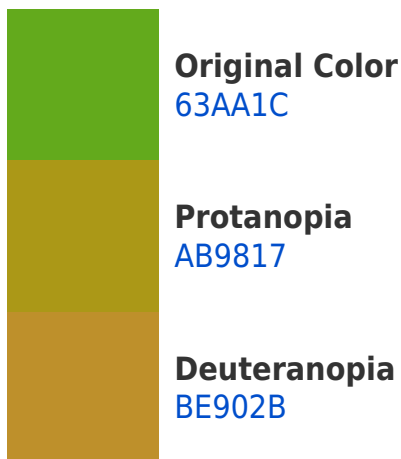


This preview shows how white text looks on a background with the Hex color 63AA1C.

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](#).

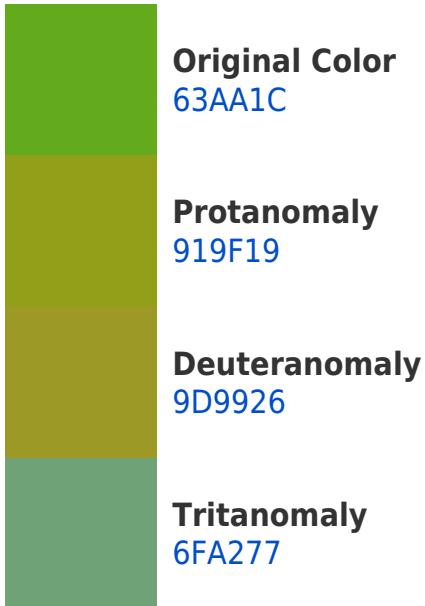
Dichromacy





Tritanopia
769EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63AA1C 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 #63AA1C looks like.

```
.text, #text, p{  
    color:#63AA1C  
}
```

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 #63AA1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63AA1C
}
```

Border

The CSS property to change the border of an element to Hex 63AA1C 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
#63AA1C }
```

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

```
.border{ border-color:#63AA1C }
```

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

Here you see how a box with a 4 pixel #63AA1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63AA1C; -webkit-box-shadow:4px 4px  
4px 4px #63AA1C; box-shadow:4px 4px 4px  
4px #63AA1C }
```

Background

The CSS property to change the background color of an element to Hex 63AA1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63AA1C }
```

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

```
.background{ background-color:#63AA1C }
```

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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