

Converting Colors

Hex(63C22A)

Have a look what the booklet for
Hex(63C22A) contains.

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Color

Hex(63C22A)

Conversions

Conversions Part 1

Format	Color
Hex	63C22A
RGB	99, 194, 42
RGB Percent	39%, 76%, 16%
CMY	0.6118, 0.2392, 0.8353
CMYK	0.49, 0.00, 0.78, 0.24
HSL	98°, 64%, 46%
HSV	98°, 78%, 76%
XYZ	24.8553, 41.4034, 8.8721
YIQ	148.2670, -7.8280, -67.4120

Conversions

Conversions Part 2

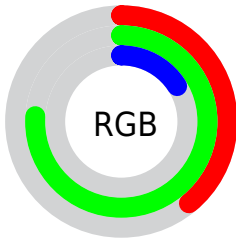
Format	Color
RYB	42, 194, 137
Decimal	6537770
CIELab	70.46, -52.92, 62.36
CIElCh	70, 81.788, 130.321
Yxy	41.4034, 0.3308, 0.5511
Android (android.graphics.Color)	4284727850 (0xFF63C22A)
YUV	148.2670, -52.3896, -43.2072
Hunter-Lab	64.3455, -43.6538, 36.8668

Details

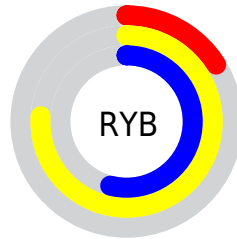
The Hex color **63C22A** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **892AC2**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **9DFB64**, and **218B00** is the 20% darker color. If you saturate the color by 10%, you get **57C217**, and if you desaturate by 10%, it is **6FC23D**.

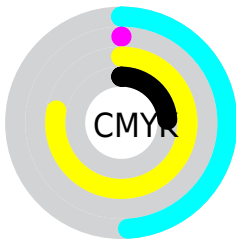
Distribution



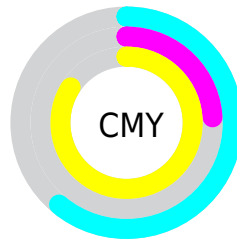
- Red (39%)
- Green (76%)
- Blue (16%)



- Red (16%)
- Yellow (76%)
- Blue (54%)



- Cyan (49%)
- Magenta (0%)
- Yellow (78%)
- Black (24%)



- Cyan (61%)
- Magenta (24%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63C22A 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 63C22A by changing the saturation by 10% instead.



63C22A



63C22A

FFFFFF



45A600



9DFB64



218B00



BBFF7F



007100



D8FF9B



005800



F6FFB8



003F00



FFFFD4



002900



FFFFF2



000300



000000



63C22A



63C22A

 57C217

 6FC23D

 4BC203

 7BC251

 49C200

 87C264

 93C278

 A0C28B

 ACC29E

 B8C2B2

 C4C2C5

 D0C2D9

Harmonies

Analogous

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



B7B100



63C22A



00CB77

Triad

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



63C22A



00C2FF



FF5B96

Complementary

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



63C22A



892AC2

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.



FF68E0



63C22A



00ADFF

Square

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



63C22A



00CCFF



CF8CFF



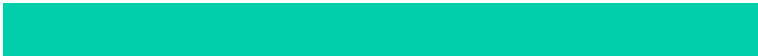
FF744F

Rectangle

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



63C22A



00CEAB



CF8CFF



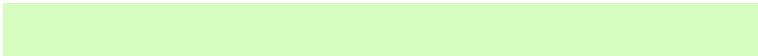
FF5BAF

Sweetspot

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



63C22A



D7FCC0



C2882A



68805B



000000



808080

Same Dimension

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



63C22A



68FC0F



2AC23C



5B6157



3CA100



0C2100

Inverse Universe

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



892AC2



A30FFC



C22AB0



5D5761



6400A1



150021

Previews

White Background



This preview shows how the Hex color 63C22A looks on a white background.

Color Contrast Check

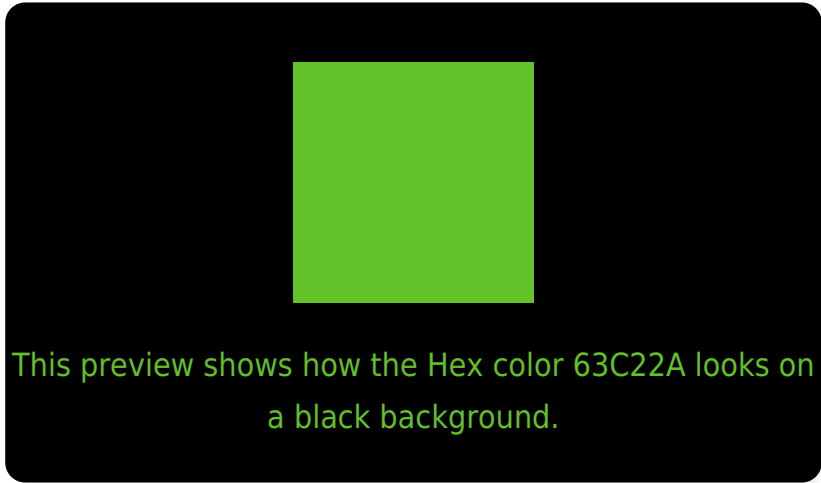
Large Text (above 18pt) WCAG AA × Fail

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 63C22A Background



This preview shows how black text looks on a background with the Hex color 63C22A.

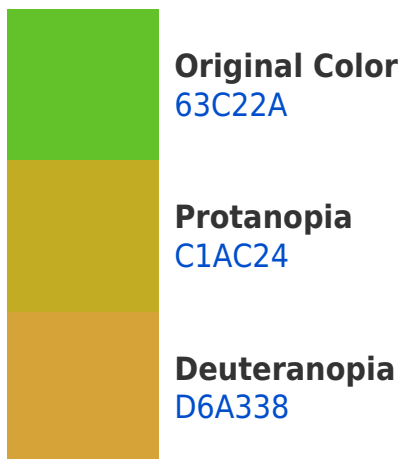


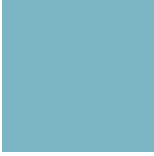
This preview shows how white text looks on a background with the Hex color 63C22A.

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](#).

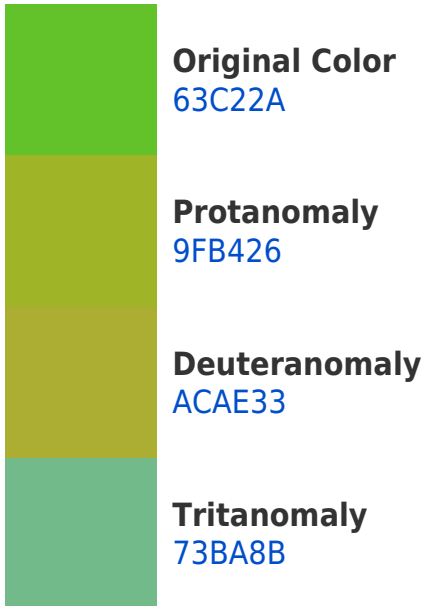
Dichromacy



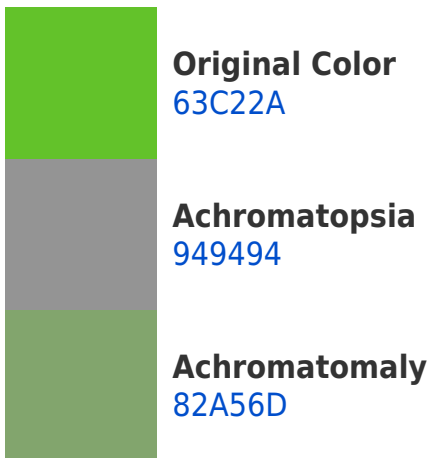


Tritanopia
7CB5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63C22A 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 #63C22A looks like.

```
.text, #text, p{  
    color:#63C22A  
}
```

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 #63C22A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63C22A
}
```

Border

The CSS property to change the border of an element to Hex 63C22A 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
#63C22A }
```

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

```
.border{ border-color:#63C22A }
```

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

Here you see how a box with a 4 pixel #63C22A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63C22A; -webkit-box-shadow:4px 4px  
4px 4px #63C22A; box-shadow:4px 4px 4px  
4px #63C22A }
```

Background

The CSS property to change the background color of an element to Hex 63C22A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63C22A }
```

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

```
.background{ background-color:#63C22A }
```

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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