

Converting Colors

Hex(63CC22)

Have a look what the booklet for
Hex(63CC22) contains.

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Color

Hex(63CC22)

Conversions

Conversions Part 1

Format	Color
Hex	63CC22
RGB	99, 204, 34
RGB Percent	39%, 80%, 13%
CMY	0.6118, 0.2000, 0.8667
CMYK	0.51, 0.00, 0.83, 0.20
HSL	97°, 71%, 47%
HSV	97°, 83%, 80%
XYZ	27.0272, 45.9539, 8.9589
YIQ	153.2250, -8.0100, -75.1300

Conversions

Conversions Part 2

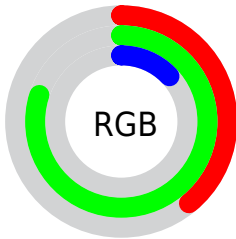
Format	Color
RYB	34, 204, 139
Decimal	6540322
CIELab	73.52, -57.05, 67.35
CIELCh	74, 88.263, 130.267
Yxy	45.9539, 0.3298, 0.5608
Android (android.graphics.Color)	4284730402 (0xFF63CC22)
YUV	153.2250, -58.7779, -47.5553
Hunter-Lab	67.7893, -47.4644, 39.6169

Details

The Hex color **63CC22** 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 **8B22CC**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **9FFF60**, and **1B9500** is the 20% darker color. If you saturate the color by 10%, you get **56CC0E**, and if you desaturate by 10%, it is **70CC36**.

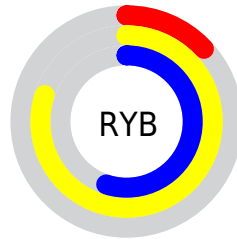
Distribution



Red (39%)

Green (80%)

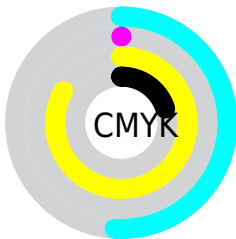
Blue (13%)



Red (13%)

Yellow (80%)

Blue (55%)

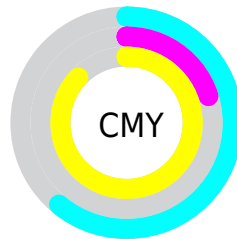


Cyan (51%)

Magenta (0%)

Yellow (83%)

Black (20%)



Cyan (61%)

Magenta (20%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63CC22 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 63CC22 by changing the saturation by 10% instead.



63CC22



63CC22

FFFFFF



43B000



9FFF60



1B9500



BDF7C



007A00



DBFF98



006000



F9FFB5



004700



FFFFD2



003100



FFFEEF



001500



000000



63CC22



63CC22

 56CC0E

 70CC36

 4ECC00

 7CCC4B

 89CC5F

 95CC74

 A2CC88

 AFCC9C

 BBCCB1

 C8CCC5

 D4CCDA

Harmonies

Analogous

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



BFBA00



63CC22



00D57A

Triad

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



63CC22



00CCFF



FF599C

Complementary

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



63CC22



8B22CC

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.



FF68ED



63CC22



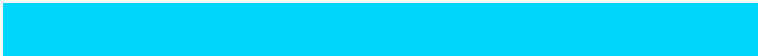
00B5FF

Square

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



63CC22



00D7FF



D991FF



FF764F

Rectangle

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



63CC22



00D8B3



D991FF



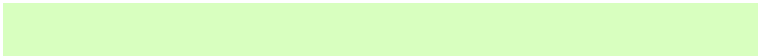
FF58B7

Sweetspot

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



63CC22



D8FFBF



CC8B22



688059



000000



808080

Same Dimension

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



63CC22



62FF00



22CC36



60665C



3FA600



0F2600

Inverse Universe

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



8B22CC



9E00FF



CC22B8



625C66



6600A6



180026

Previews

White Background



This preview shows how the Hex color 63CC22 looks on a white background.

Color Contrast Check

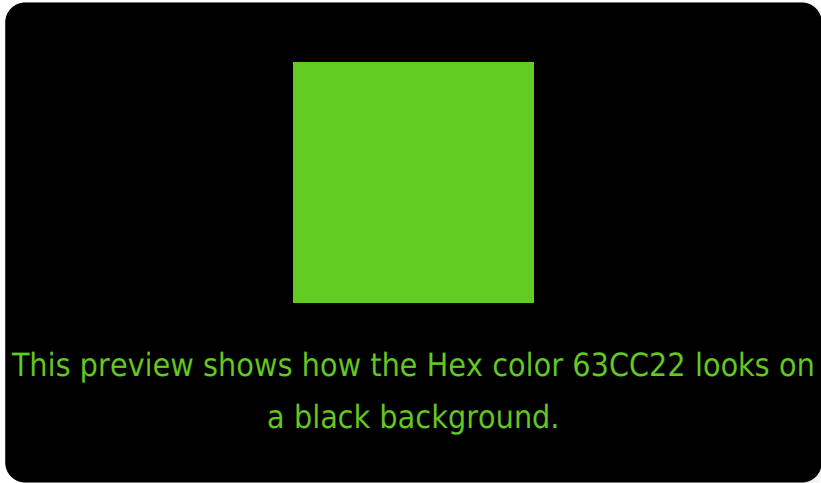
Large Text (above 18pt) WCAG AA × Fail

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 63CC22 Background



This preview shows how black text looks on a background with the Hex color 63CC22.

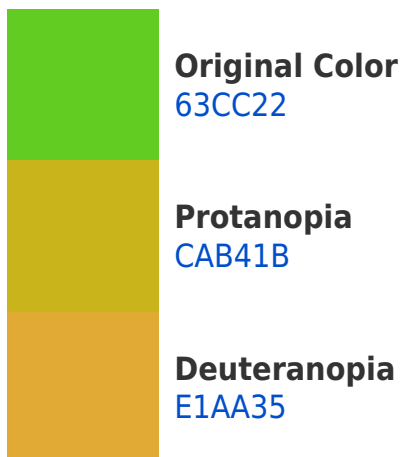


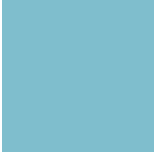
This preview shows how white text looks on a background with the Hex color 63CC22.

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
7FBECD

Trichromacy



Original Color
63CC22



Protanomaly
A5BD1E



Deuteranomaly
B3B62E



Tritanomaly
75C38F

Monochromacy



Original Color
63CC22



Achromatopsia
999999



Achromatomaly
85AC6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 63CC22 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 #63CC22 looks like.

```
.text, #text, p{  
    color:#63CC22  
}
```

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 #63CC22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63CC22
}
```

Border

The CSS property to change the border of an element to Hex 63CC22 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
#63CC22 }
```

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

```
.border{ border-color:#63CC22 }
```

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

Here you see how a box with a 4 pixel #63CC22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63CC22; -webkit-box-shadow:4px 4px  
4px 4px #63CC22; box-shadow:4px 4px 4px  
4px #63CC22 }
```

Background

The CSS property to change the background color of an element to Hex 63CC22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63CC22 }
```

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

```
.background{ background-color:#63CC22 }
```

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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