

Converting Colors

Hex(63C215)

Have a look what the booklet for
Hex(63C215) contains.

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Color

Hex(63C215)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 63C215 |
| RGB | 99, 194, 21 |
| RGB Percent | 39%, 76%, 8% |
| CMY | 0.6118, 0.2392, 0.9176 |
| CMYK | 0.49, 0.00, 0.89, 0.24 |
| HSL | 93°, 80%, 42% |
| HSV | 93°, 89%, 76% |
| XYZ | 24.5727, 41.2904, 7.3842 |
| YIQ | 145.8730, -1.0870, -73.9430 |

Conversions

Conversions Part 2

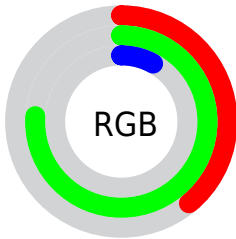
| Format | Color |
|-------------------------------------|--|
| RYB | 21, 194, 116 |
| Decimal | 6537749 |
| CIELab | 70.38, -53.80, 67.37 |
| CIELCh | 70, 86.214, 128.610 |
| Yxy | 41.2904, 0.3355, 0.5637 |
| Android (android.graphics.Color) | 4284727829 (0xFF63C215) |
| YUV | 145.8730, -61.5624, -41.1076 |
| Hunter-Lab | 64.2576, -44.1906, 38.1670 |

Details

The Hex color **63C215** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **7415C2**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **9EFB57**, and **1F8B00** is the 20% darker color. If you saturate the color by 10%, you get **58C202**, and if you desaturate by 10%, it is **6EC228**.

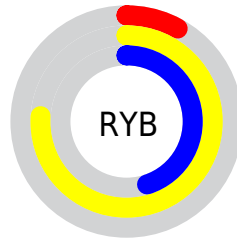
Distribution



Red (39%)

Green (76%)

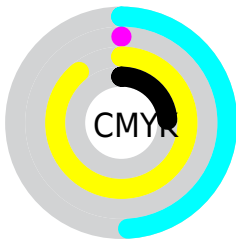
Blue (8%)



Red (8%)

Yellow (76%)

Blue (45%)

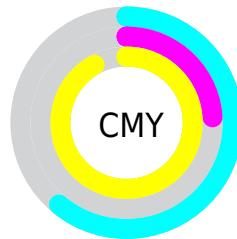


Cyan (49%)

Magenta (0%)

Yellow (89%)

Black (24%)



Cyan (61%)

Magenta (24%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63C215 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 63C215 by changing the saturation by 10% instead.

 63C215

 63C215

FFFFFF

 44A600

 9EFB57

 1F8B00

 BCFF73

 007100

 D9FF90

 005800

 F8FFAC

 003F00

 FFFFC9

 002900

 FFFFEE

 000300

 000000

 63C215

 63C215

 58C202

 6EC228

 57C200

 78C23C

 83C24F

 8EC263

 98C276

 A3C289

 AEC29D

 B8C2B0

 C3C2C4

Harmonies

Analogous

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



BAB000



63C215



00CB6F

Triad

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



63C215



00C4FF



FF5199

Complementary

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



63C215



7415C2

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.



FF63E7



63C215



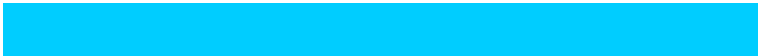
00AEFF

Square

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



63C215



00CFFF



C98CFF



FF6D4E

Rectangle

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



63C215



00CEA6



C98CFF



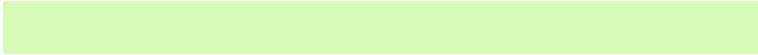
FF52B3

Sweetspot

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



63C215



D7FCB8



C27115



698057



000000



808080

Same Dimension

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



63C215



72FC00



15C21B



5C6157



48A100



0F2100

Inverse Universe

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



7415C2



8B00FC



C215BC



5D5761



5800A1



120021

Previews

White Background



This preview shows how the Hex color 63C215 looks on a white background.

Color Contrast Check

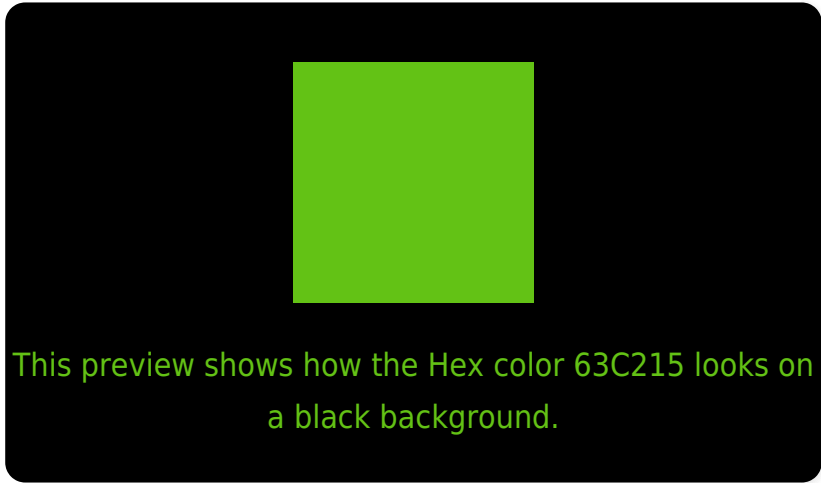
Large Text (above 18pt) WCAG AA × Fail

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 63C215 Background



This preview shows how black text looks on a background with the Hex color 63C215.



This preview shows how white text looks on a background with the Hex color 63C215.

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](#).

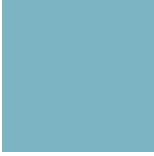
Dichromacy



Original Color
63C215

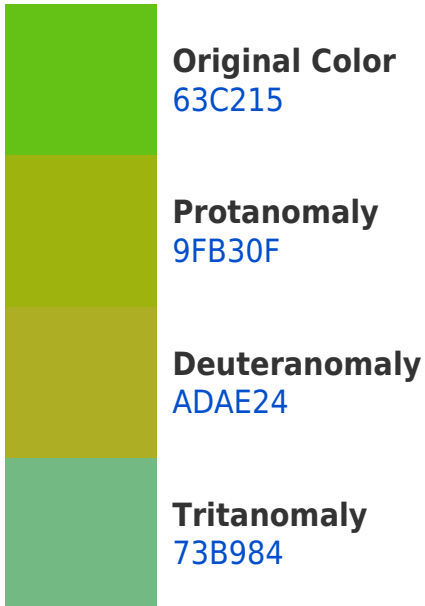
Protanopia
C1AB0B

Deuteranopia
D7A22C

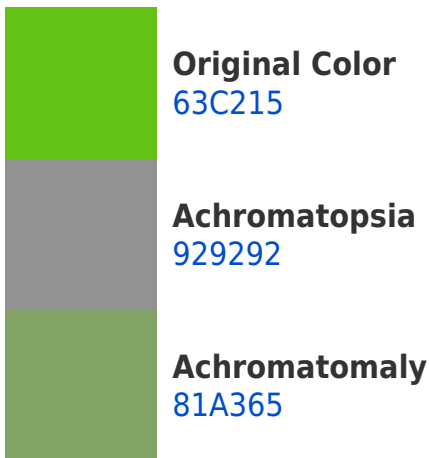


Tritanopia
7CB4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63C215 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 #63C215 looks like.

```
.text, #text, p{  
    color:#63C215  
}
```

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 #63C215 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63C215
}
```

Border

The CSS property to change the border of an element to Hex 63C215 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
#63C215 }
```

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

```
.border{ border-color:#63C215 }
```

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

Here you see how a box with a 4 pixel #63C215 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63C215; -webkit-box-shadow:4px 4px  
4px 4px #63C215; box-shadow:4px 4px 4px  
4px #63C215 }
```

Background

The CSS property to change the background color of an element to Hex 63C215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63C215 }
```

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

```
.background{ background-color:#63C215 }
```

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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