

Converting Colors

Hex(63CD30)

Have a look what the booklet for
Hex(63CD30) contains.

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Color

Hex(63CD30)

Conversions

Conversions Part 1

Format	Color
Hex	63CD30
RGB	99, 205, 48
RGB Percent	39%, 80%, 19%
CMY	0.6118, 0.1961, 0.8118
CMYK	0.52, 0.00, 0.77, 0.20
HSL	101°, 62%, 50%
HSV	101°, 77%, 80%
XYZ	27.5104, 46.5287, 10.3273
YIQ	155.4080, -12.7790, -71.2990

Conversions

Conversions Part 2

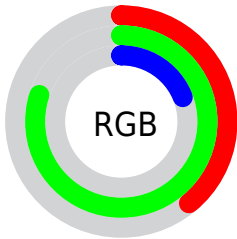
Format	Color
RYB	48, 205, 154
Decimal	6540592
CIELab	73.89, -56.70, 63.77
CIELCh	74, 85.333, 131.643
Yxy	46.5287, 0.3261, 0.5515
Android (android.graphics.Color)	4284730672 (0xFF63CD30)
YUV	155.4080, -52.9521, -49.4698
Hunter-Lab	68.2119, -47.3805, 38.7718

Details

The Hex color **63CD30** 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 **9A30CD**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **9FFF6A**, and **1C9600** is the 20% darker color. If you saturate the color by 10%, you get **55CD1B**, and if you desaturate by 10%, it is **71CD45**.

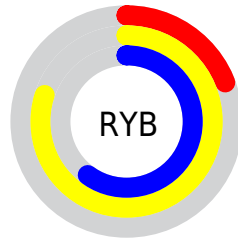
Distribution



Red (39%)

Green (80%)

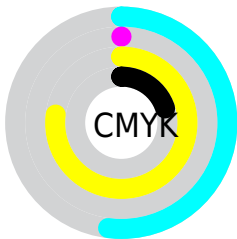
Blue (19%)



Red (19%)

Yellow (80%)

Blue (60%)

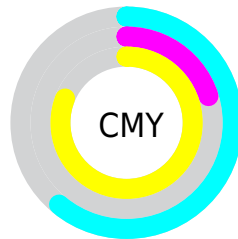


Cyan (52%)

Magenta (0%)

Yellow (77%)

Black (20%)



Cyan (61%)

Magenta (20%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63CD30 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 63CD30 by changing the saturation by 10% instead.

 63CD30

 63CD30

FFFFFF

 43B105

 9FFF6A

 1C9600

 BCFF85

 007B00

 DAFFA1

 006100

 F8FFBE

 004800

 FFFFDB

 003200

 FFFFF8

 001600

 000000

 63CD30

 63CD30

■ 55CD1B

■ 71CD45

■ 47CD07

■ 7FCD59

■ 43CD00

■ 8DCD6E

■ 9ACD82

■ A8CD97

■ B6CDAB

■ C4CDC0

■ D2CDD4

■ E0CDE9

Harmonies

Analogous

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



BDBC00



63CD30



00D681

Triad

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



63CD30



00CCFF



FF609A

Complementary

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



63CD30



9A30CD

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.



FF6CE9



63CD30



00B5FF

Square

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



63CD30



00D7FF



DE92FF



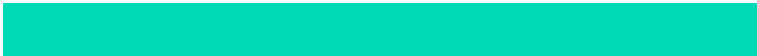
FF7C50

Rectangle

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



63CD30



00D9B8



DE92FF



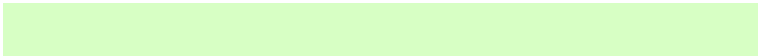
FF5FB5

Sweetspot

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



63CD30



D7FFC4



CD9930



67805C



000000



808080

Same Dimension

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



63CD30



61FF14



30CD4A



5F665C



36A600



0C2600

Inverse Universe

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



9A30CD



B314FF



CD30B3



635C66



7000A6



1A0026

Previews

White Background



This preview shows how the Hex color 63CD30 looks on a white background.

Color Contrast Check

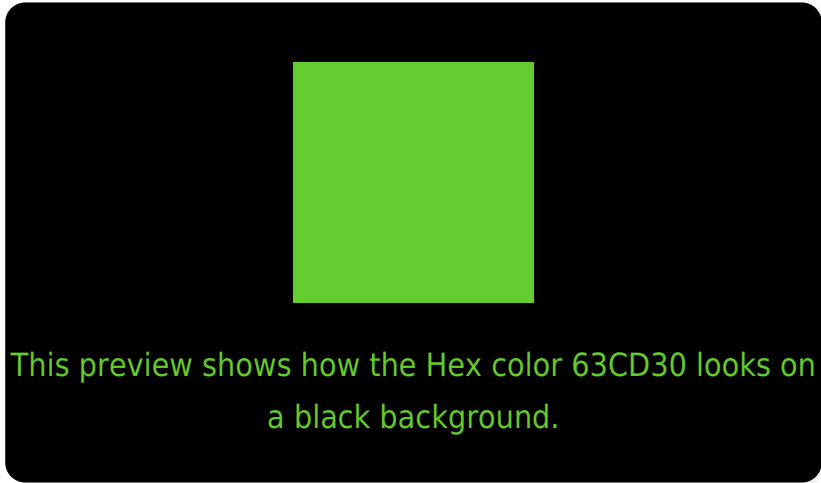
Large Text (above 18pt) WCAG AA × Fail

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 63CD30 Background



This preview shows how black text looks on a background with the Hex color 63CD30.

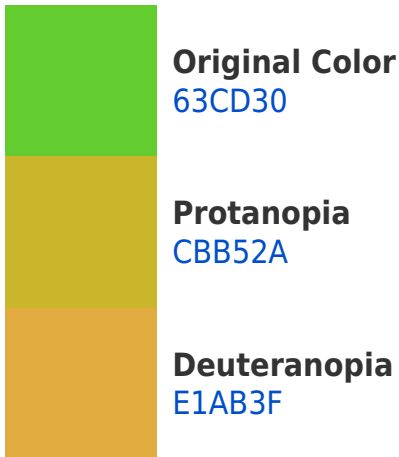


This preview shows how white text looks on a background with the Hex color 63CD30.

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](#).

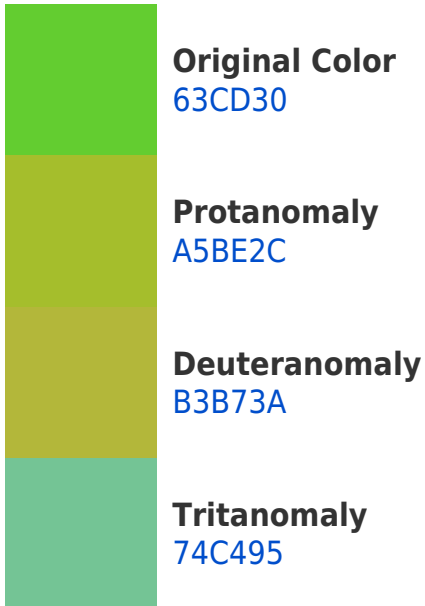
Dichromacy



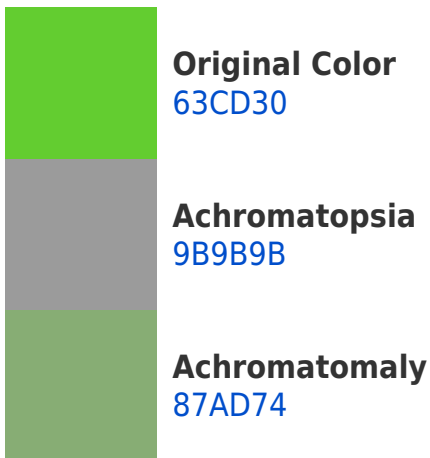


Tritanopia
7EBFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63CD30 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 #63CD30 looks like.

```
.text, #text, p{  
    color:#63CD30  
}
```

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 #63CD30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63CD30
}
```

Border

The CSS property to change the border of an element to Hex 63CD30 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
#63CD30 }
```

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

```
.border{ border-color:#63CD30 }
```

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

Here you see how a box with a 4 pixel #63CD30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63CD30; -webkit-box-shadow:4px 4px  
4px 4px #63CD30; box-shadow:4px 4px 4px  
4px #63CD30 }
```

Background

The CSS property to change the background color of an element to Hex 63CD30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63CD30 }
```

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

```
.background{ background-color:#63CD30 }
```

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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