

Converting Colors

Hex(63B500)

Have a look what the booklet for
Hex(63B500) contains.

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Color

Hex(63B500)

Conversions

Conversions Part 1

Format	Color
Hex	63B500
RGB	99, 181, 0
RGB Percent	39%, 71%, 0%
CMY	0.6118, 0.2902, 1.0000
CMYK	0.45, 0.00, 1.00, 0.29
HSL	87°, 100%, 35%
HSV	87°, 100%, 71%
XYZ	21.6695, 35.7004, 5.7488
YIQ	135.8480, 9.2290, -73.6750

Conversions

Conversions Part 2

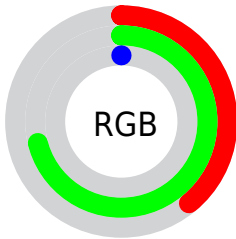
Format	Color
RYB	0, 181, 82
Decimal	6534400
CIELab	66.29, -49.25, 66.85
CIELCh	66, 83.033, 126.380
Yxy	35.7004, 0.3433, 0.5656
Android (android.graphics.Color)	4284724480 (0xFF63B500)
YUV	135.8480, -66.9731, -32.3157
Hunter-Lab	59.7498, -39.8256, 36.1203

Details

The Hex color **63B500** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **5200B5**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **9DEE4D**, and **237F00** is the 20% darker color. If you saturate the color by 10%, you get **63B500**, and if you desaturate by 10%, it is **6BB512**.

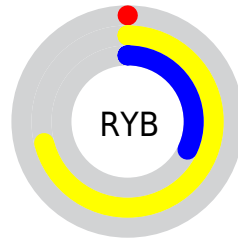
Distribution



Red (39%)

Green (71%)

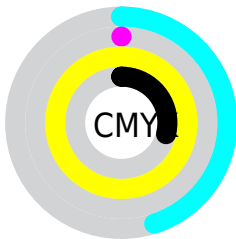
Blue (0%)



Red (0%)

Yellow (71%)

Blue (32%)

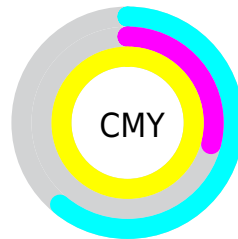


Cyan (45%)

Magenta (0%)

Yellow (100%)

Black (29%)



Cyan (61%)

Magenta (29%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63B500 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 63B500 by changing the saturation by 10% instead.

 63B500

 63B500

FFFFFF

 459A00

 9DEE4D

 237F00

 BAFF6A

 006600

 D8FF86

 004D00

 F6FFA2

 003500

 FFFFBE

 001E00

 FFFFDB

 000000

 FFFFF9

 63B500

 6BB512

 73B524

 7CB536

 84B548

 8CB55B

 94B56D

 9CB57F

 A5B591

 ADB5A3

Harmonies

Analogous

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



B3A300



63B500



00BE61

Triad

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



63B500



00B9FF



FF4995

Complementary

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



63B500



5200B5

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.



FF5EDE



63B500



00A5FF

Square

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



63B500



00C1F8



B485FF



FF624C

Rectangle

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



63B500



00C195



B485FF



FF4BAE

Sweetspot

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



63B500



CBEBA4



B55100



62754B



F5F5F5



757575

Same Dimension

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



63B500



80EB00



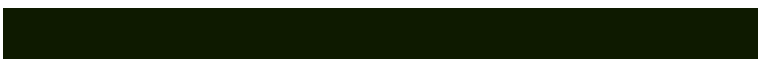
09B500



555950



549900



0E1A00

Inverse Universe

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



5200B5



6A00EB



AC00B5



545059



450099



0C001A

Previews

White Background



This preview shows how the Hex color 63B500 looks on a white background.

Color Contrast Check

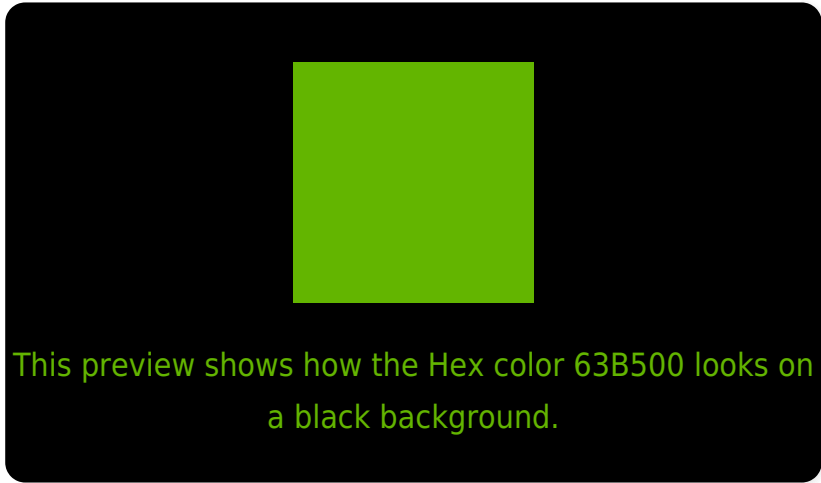
Large Text (above 18pt) WCAG AA × Fail

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 63B500 Background



This preview shows how black text looks on a background with the Hex color 63B500.



This preview shows how white text looks on a background with the Hex color 63B500.

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](#).

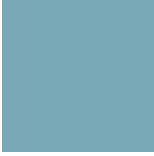
Dichromacy



Original Color
63B500

Protanopia
B5A100

Deuteranopia
CA9824



Tritanopia
79A8B6

Trichromacy



Original Color
63B500



Protanomaly
97A800



Deuteranomaly
A5A317



Tritanomaly
71AD74

Monochromacy



Original Color
63B500



Achromatopsia
888888



Achromatomaly
7B9857

CSS Examples

Text

The CSS property to change the color of the text to Hex 63B500 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 #63B500 looks like.

```
.text, #text, p{  
    color:#63B500  
}
```

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 #63B500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63B500
}
```

Border

The CSS property to change the border of an element to Hex 63B500 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
#63B500 }
```

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

```
.border{ border-color:#63B500 }
```

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

Here you see how a box with a 4 pixel #63B500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63B500; -webkit-box-shadow:4px 4px  
4px 4px #63B500; box-shadow:4px 4px 4px  
4px #63B500 }
```

Background

The CSS property to change the background color of an element to Hex 63B500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63B500 }
```

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

```
.background{ background-color:#63B500 }
```

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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