

Converting Colors

Hex(63B703)

Have a look what the booklet for
Hex(63B703) contains.

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Color

Hex(63B703)

Conversions

Conversions Part 1

Format	Color
Hex	63B703
RGB	99, 183, 3
RGB Percent	39%, 72%, 1%
CMY	0.6118, 0.2824, 0.9882
CMYK	0.46, 0.00, 0.98, 0.28
HSL	88°, 97%, 36%
HSV	88°, 98%, 72%
XYZ	22.0955, 36.5262, 5.9719
YIQ	137.3640, 7.7160, -73.7880

Conversions

Conversions Part 2

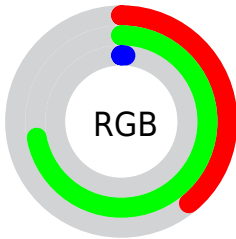
Format	Color
RYB	3, 183, 87
Decimal	6534915
CIELab	66.92, -49.98, 66.98
CIELCh	67, 83.567, 126.729
Yxy	36.5262, 0.3421, 0.5655
Android (android.graphics.Color)	4284724995 (0xFF63B703)
YUV	137.3640, -66.2415, -33.6452
Hunter-Lab	60.4369, -40.5056, 36.4473

Details

The Hex color **63B703** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **5703B7**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **9DF04F**, and **238100** is the 20% darker color. If you saturate the color by 10%, you get **62B700**, and if you desaturate by 10%, it is **6CB715**.

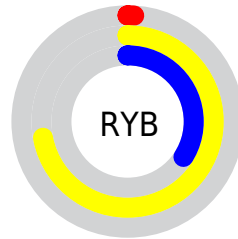
Distribution



Red (39%)

Green (72%)

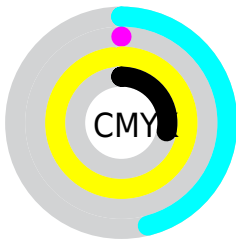
Blue (1%)



Red (1%)

Yellow (72%)

Blue (34%)

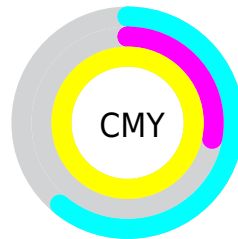


Cyan (46%)

Magenta (0%)

Yellow (98%)

Black (28%)



Cyan (61%)

Magenta (28%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63B703 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 63B703 by changing the saturation by 10% instead.

 63B703

 63B703

FFFFFF

 459C00

 9DF04F

 238100

 BAFF6B

 006700

 D8FF87

 004E00

 F6FFA3

 003600

 FFFFC0

 002000

 FFFFDD

 000000

 FFFFFB

 63B703

 63B703

■ 62B700

■ 6CB715

■ 74B728

■ 7DB73A

■ 85B74C

■ 8EB75E

■ 96B771

■ 9FB783

■ A7B795

■ B0B7A8

Harmonies

Analogous

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



B4A500



63B703



00C063

Triad

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



63B703



00BAFF



FF4A95

Complementary

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



63B703



5703B7

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.



FF5EE0



63B703



00A7FF

Square

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



63B703



00C3FC



B886FF



FF644D

Rectangle

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



63B703



00C398



B886FF



FF4CAE

Sweetspot

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



63B703



CCEDA6



B75703



64784D



F7F7F7



787878

Same Dimension

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



63B703



7EED00



09B703



585C53



539C00



0F1C00

Inverse Universe

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



5703B7



6F00ED



B103B7



57535C



49009C



0D001C

Previews

White Background



This preview shows how the Hex color 63B703 looks on a white background.

Color Contrast Check

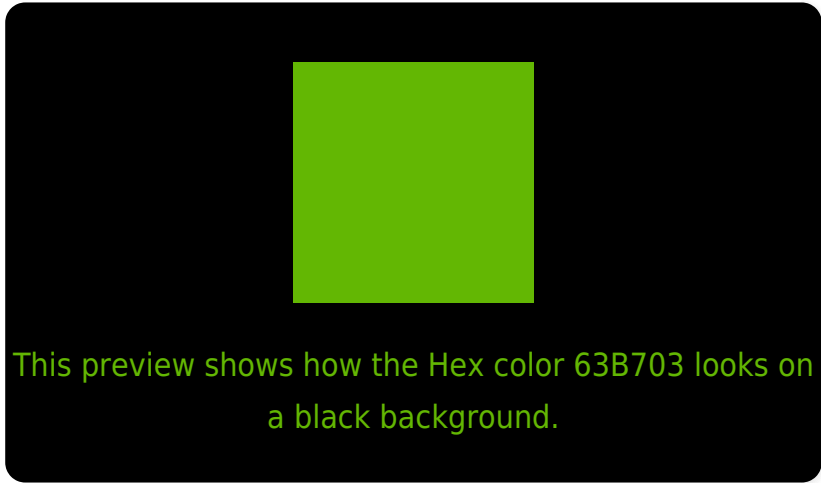
Large Text (above 18pt) WCAG AA × Fail

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 63B703 Background



This preview shows how black text looks on a background with the Hex color 63B703.

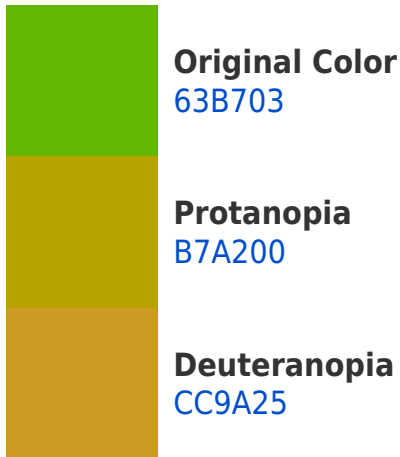


This preview shows how white text looks on a background with the Hex color 63B703.

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
7AAAB8

Trichromacy



Original Color
63B703



Protanomaly
98AA01



Deuteranomaly
A6A519



Tritanomaly
72AF76

Monochromacy



Original Color
63B703



Achromatopsia
898989



Achromatomaly
7B9A58

CSS Examples

Text

The CSS property to change the color of the text to Hex 63B703 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 #63B703 looks like.

```
.text, #text, p{  
    color:#63B703  
}
```

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 #63B703 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63B703
}
```

Border

The CSS property to change the border of an element to Hex 63B703 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
#63B703 }
```

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

```
.border{ border-color:#63B703 }
```

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

Here you see how a box with a 4 pixel #63B703 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63B703; -webkit-box-shadow:4px 4px  
4px 4px #63B703; box-shadow:4px 4px 4px  
4px #63B703 }
```

Background

The CSS property to change the background color of an element to Hex 63B703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63B703 }
```

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

```
.background{ background-color:#63B703 }
```

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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