

Converting Colors

Hex(63B517)

Have a look what the booklet for
Hex(63B517) contains.

Hex(63B517)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(63B517)

Conversions

Conversions Part 1

Format	Color
Hex	63B517
RGB	99, 181, 23
RGB Percent	39%, 71%, 9%
CMY	0.6118, 0.2902, 0.9098
CMYK	0.45, 0.00, 0.87, 0.29
HSL	91°, 77%, 40%
HSV	91°, 87%, 71%
XYZ	21.8241, 35.7623, 6.5632
YIQ	138.4700, 1.8460, -66.5220

Conversions

Conversions Part 2

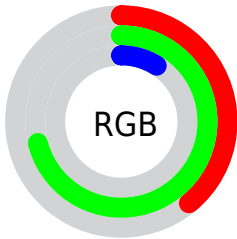
Format	Color
R _Y B	23, 181, 105
Decimal	6534423
CIE Lab	66.34, -48.73, 63.54
CIE LCh	66, 80.078, 127.483
Yxy	35.7623, 0.3402, 0.5575
Android (android.graphics.Color)	4284724503 (0xFF63B517)
YUV	138.4700, -56.9267, -34.6152
Hunter-Lab	59.8016, -39.5105, 35.3541

Details

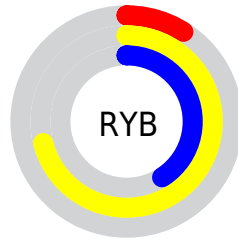
The Hex color **63B517** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **6917B5**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **9DEE56**, and **247F00** is the 20% darker color. If you saturate the color by 10%, you get **5AB505**, and if you desaturate by 10%, it is **6CB529**.

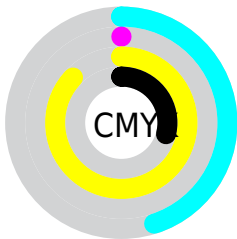
Distribution



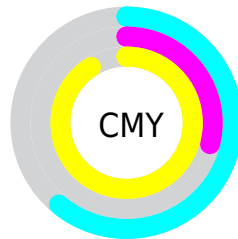
- Red (39%)
- Green (71%)
- Blue (9%)



- Red (9%)
- Yellow (71%)
- Blue (41%)



- Cyan (45%)
- Magenta (0%)
- Yellow (87%)
- Black (29%)



- Cyan (61%)
- Magenta (29%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63B517 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 63B517 by changing the saturation by 10% instead.

 63B517

 63B517

FFFFFF

 459A00

 9DEE56

 247F00

 BAFF72

 006600

 D7FF8D

 004D00

 F5FFA9

 003500

 FFFFC6

 001E00

 FFFF E3

 000000

 63B517

 63B517

 5AB505

 6CB529

 57B500

 76B53B

 7FB54D

 89B55F

 92B572

 9BB584

 A5B596

 AEB5A8

 B8B5BA

Harmonies

Analogous

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



B1A400



63B517



00BE67

Triad

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



63B517



00B8FF



FF5092

Complementary

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



63B517



6917B5

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.



FF61DA



63B517



00A4FF

Square

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



63B517



00C0F8



B885FF



FF674D

Rectangle

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



63B517



00C199



B885FF



FF51AB

Sweetspot

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



63B517



CBEBAE



B56917



627551



F5F5F5



757575

Same Dimension

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



63B517



71EB00



17B51A



555950



4A9900



0C1A00

Inverse Universe

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



6917B5



7A00EB



B517B2



555059



4F0099



0D001A

Previews

White Background



This preview shows how the Hex color 63B517 looks on a white background.

Color Contrast Check

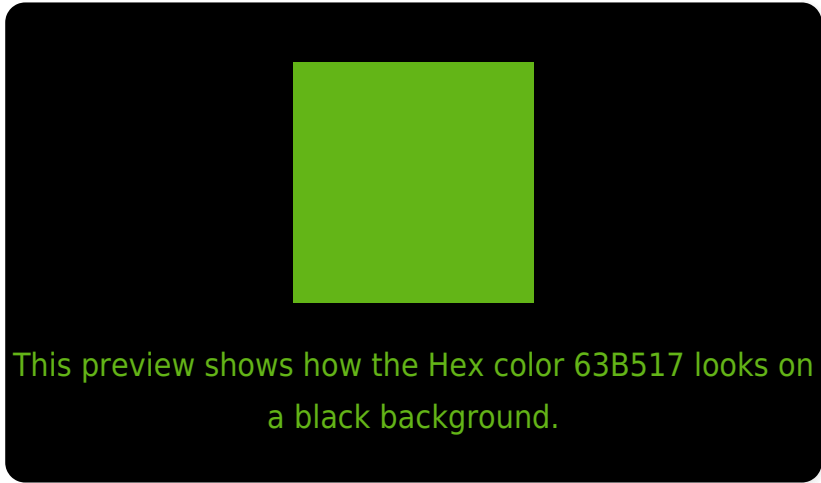
Large Text (above 18pt) WCAG AA × Fail

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 63B517 Background



This preview shows how black text looks on a background with the Hex color 63B517.

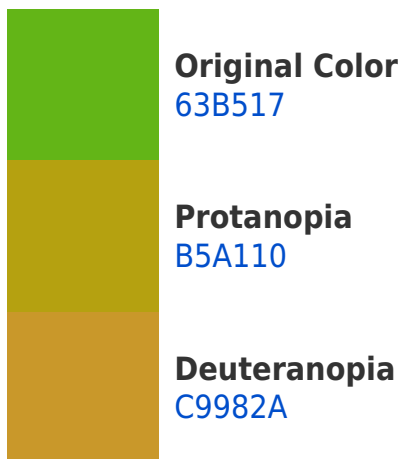


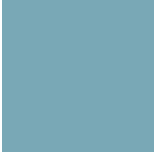
This preview shows how white text looks on a background with the Hex color 63B517.

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](#).

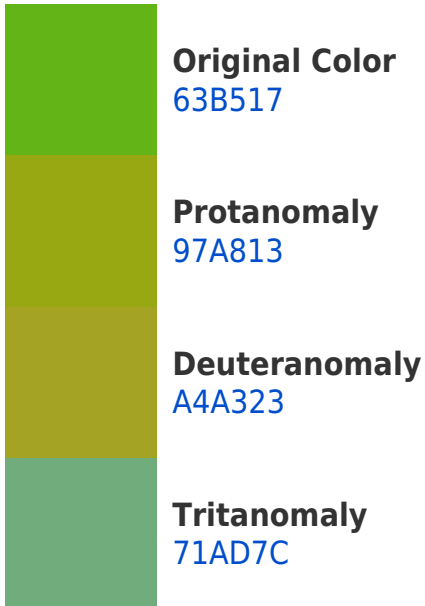
Dichromacy



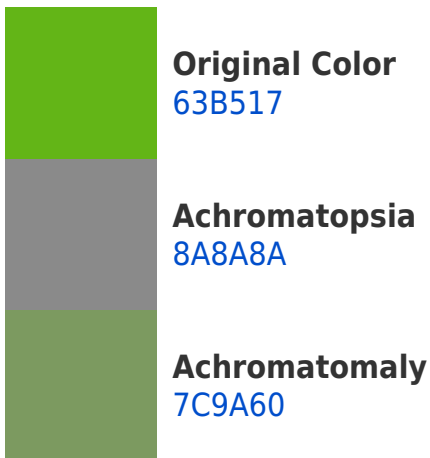


Tritanopia
79A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63B517 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 #63B517 looks like.

```
.text, #text, p{  
    color:#63B517  
}
```

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 #63B517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63B517
}
```

Border

The CSS property to change the border of an element to Hex 63B517 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
#63B517 }
```

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

```
.border{ border-color:#63B517 }
```

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

Here you see how a box with a 4 pixel #63B517 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63B517; -webkit-box-shadow:4px 4px  
4px 4px #63B517; box-shadow:4px 4px 4px  
4px #63B517 }
```

Background

The CSS property to change the background color of an element to Hex 63B517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63B517 }
```

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

```
.background{ background-color:#63B517 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor