

# Converting Colors

Hex(6BC115)

Have a look what the booklet for  
Hex(6BC115) contains.

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**Color**

**Hex(6BC115)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BC115
RGB	107, 193, 21
RGB Percent	42%, 76%, 8%
CMY	0.5804, 0.2431, 0.9176
CMYK	0.45, 0.00, 0.89, 0.24
HSL	90°, 80%, 42%
HSV	90°, 89%, 76%
XYZ	25.2687, 41.3199, 7.3532
YIQ	147.6780, 3.9560, -71.7240

# Conversions

## Conversions Part 2

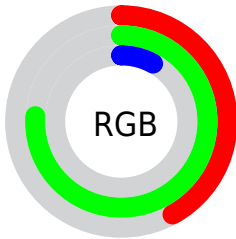
<b>Format</b>	<b>Color</b>
<b>RYB</b>	21, 193, 107
Decimal	7061781
CIELab	70.40, -50.91, 67.52
CIELCh	70, 84.560, 127.016
Yxy	41.3199, 0.3417, 0.5588
Android (android.graphics.Color)	4285251861 (0xFF6BC115)
YUV	147.6780, -62.4523, -35.6746
Hunter-Lab	64.2805, -42.3225, 38.2141

# Details

The Hex color **6BC115** 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 **6B15C1**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **A5FA57**, and **2C8B00** is the 20% darker color. If you saturate the color by 10%, you get **61C102**, and if you desaturate by 10%, it is **75C128**.

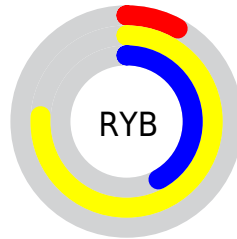
# Distribution



Red (42%)

Green (76%)

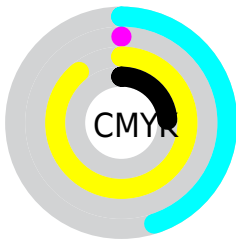
Blue (8%)



Red (8%)

Yellow (76%)

Blue (42%)

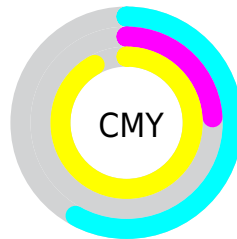


Cyan (45%)

Magenta (0%)

Yellow (89%)

Black (24%)



Cyan (58%)

Magenta (24%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BC115 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 6BC115 by changing the saturation by 10% instead.



 6BC115

 6BC115

FFFFFF

 4DA500

 A5FA57

 2C8B00

 C3FF73

 007000

 E1FF8F

 005700

 FFFFAC

 003F00

 FFFFC9

 002900

 FFFFEE

 000300

 000000

 6BC115

 6BC115

■ 61C102

■ 75C128

■ 61C100

■ 7EC13C

■ 88C14F

■ 92C162

■ 9BC176

■ A5C189

■ AFC19C

■ B8C1AF

■ C2C1C3

# Harmonies

## Analogous

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



BEAF00



6BC115



00CB6C

# Triad

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



6BC115



00C4FF



FF559D

# Complementary

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



6BC115



6B15C1

# 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.



FF67EA



6BC115



00B0FF

# Square

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



6BC115



00CDFE



C38FFF



FF6D53

# Rectangle

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



6BC115



00CEA2



C38FFF



FF56B7

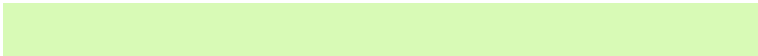


# Sweetspot

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



6BC115



D8FAB6



C16B15



697D55



FCFCFC



7D7D7D



# Same Dimension

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



6BC115



7DFA00



15C115



5C6157



50A100



112100



# Inverse Universe

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



6B15C1



7D00FA



C115C1



5C5761



5000A1



110021



# Previews

## White Background



This preview shows how the Hex color 6BC115 looks on a white background.

## Color Contrast Check

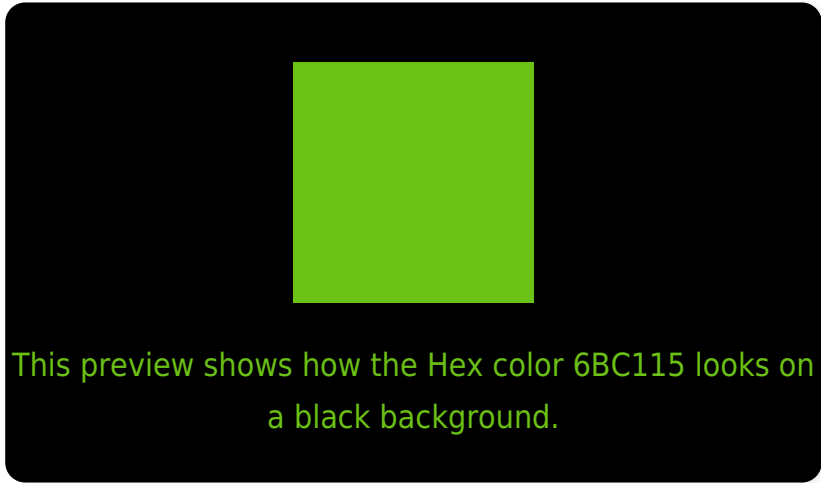
Large Text (above 18pt) WCAG AA × Fail

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 6BC115 Background



This preview shows how black text looks on a background with the Hex color 6BC115.



This preview shows how white text looks on a background with the Hex color 6BC115.

# 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](#).

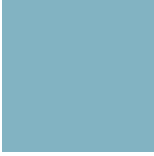
## Dichromacy



**Original Color**  
6BC115

**Protanopia**  
C1AC0C

**Deuteranopia**  
D7A22B



**Tritanopia**  
82B3C2

# Trichromacy



**Original Color**  
6BC115



**Protanomaly**  
A2B40F



**Deuteranomaly**  
B0AD23



**Tritanomaly**  
7AB883

# Monochromacy



**Original Color**  
6BC115



**Achromatopsia**  
949494



**Achromatomaly**  
85A466

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BC115 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 #6BC115 looks like.

```
.text, #text, p{  
    color:#6BC115  
}
```

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 #6BC115 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BC115
}
```

## Border

The CSS property to change the border of an element to Hex 6BC115 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
#6BC115 }
```

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

```
.border{ border-color:#6BC115 }
```

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

Here you see how a box with a 4 pixel #6BC115 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BC115; -webkit-box-shadow:4px 4px  
4px 4px #6BC115; box-shadow:4px 4px 4px  
4px #6BC115 }
```

# Background

The CSS property to change the background color of an element to Hex 6BC115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BC115 }
```

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

```
.background{ background-color:#6BC115 }
```

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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