

# Converting Colors

Hex(61BF33)

Have a look what the booklet for  
Hex(61BF33) contains.

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**Color**

**Hex(61BF33)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61BF33
RGB	97, 191, 51
RGB Percent	38%, 75%, 20%
CMY	0.6196, 0.2510, 0.8000
CMYK	0.49, 0.00, 0.73, 0.25
HSL	100°, 58%, 47%
HSV	100°, 73%, 75%
XYZ	24.1581, 40.0420, 9.5876
YIQ	146.9340, -11.0840, -63.4680

# Conversions

## Conversions Part 2

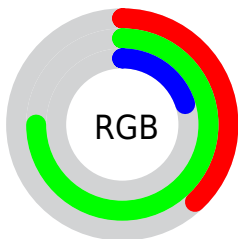
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 191, 145
Decimal	6405939
CIELab	69.50, -51.81, 58.44
CIElCh	69, 78.096, 131.561
Yxy	40.0420, 0.3274, 0.5427
Android (android.graphics.Color)	4284596019 (0xFF61BF33)
YUV	146.9340, -47.2955, -43.7921
Hunter-Lab	63.2788, -42.5914, 35.3119

# Details

The Hex color **61BF33** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **9133BF**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **9BF86A**, and **208900** is the 20% darker color. If you saturate the color by 10%, you get **54BF20**, and if you desaturate by 10%, it is **6EBF46**.

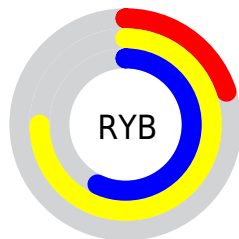
# Distribution



Red (38%)

Green (75%)

Blue (20%)



Red (20%)

Yellow (75%)

Blue (57%)

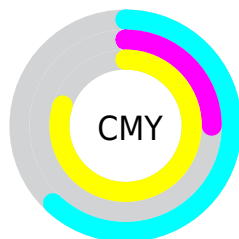


Cyan (49%)

Magenta (0%)

Yellow (73%)

Black (25%)



Cyan (62%)

Magenta (25%)

Yellow (80%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 61BF33 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 61BF33 by changing the saturation by 10% instead.



 61BF33

 61BF33

FFFFFF

 43A311

 9BF86A

 208900

 B8FF86

 006E00

 D6FFA1

 005500

 F3FFBE

 003D00

 FFFFDA

 002700

 FFFFF8

 000000

 61BF33

 61BF33

 54BF20

 6EBF46

■ 47BF0D

■ 7BBF59

■ 3FBF00

■ 87BF6C

■ 94BF7F

■ A1BF93

■ AEBFA6

■ BBBFB9

■ C8BFCC

■ D4BFDF

# Harmonies

## Analogous

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



B2AF00



61BF33



00C77A

# Triad

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



61BF33



00BEFF



FF5F91

# Complementary

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



61BF33



9133BF

# 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.



FF69D8



61BF33



26A9FF

# Square

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



61BF33



00C8FF



CF8AFF



FF764E

# Rectangle

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



61BF33



00CAAB



CF8AFF



FF5EA9

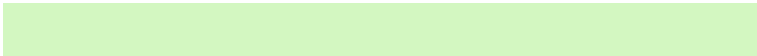


# Sweetspot

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



61BF33



D3F7C1



BF9033



677D5C



FCFCFC



7D7D7D



# Same Dimension

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



61BF33



65F71E



33BF4A



585E55



349E00



0A1F00



# Inverse Universe

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



9133BF



B01EF7



BF33A8



5B555E



6A009E



15001F



# Previews

## White Background



This preview shows how the Hex color 61BF33 looks on a white background.

## Color Contrast Check

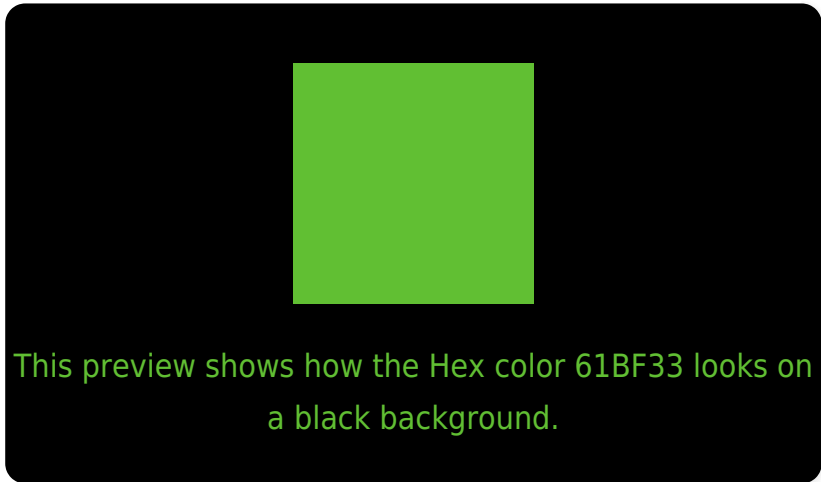
Large Text (above 18pt) WCAG AA × Fail

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 61BF33 Background



This preview shows how black text looks on a background with the Hex color 61BF33.



This preview shows how white text looks on a background with the Hex color 61BF33.

# 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**  
61BF33

**Protanopia**  
BDA92D

**Deuteranopia**  
D2A03F



**Tritanopia**  
79B2C1

# Trichromacy



**Original Color**  
61BF33



**Protanomaly**  
9CB12F



**Deuteranomaly**  
A9AB3B



**Tritanomaly**  
70B78D

# Monochromacy



**Original Color**  
61BF33



**Achromatopsia**  
939393



**Achromatomaly**  
81A370

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61BF33 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 #61BF33 looks like.

```
.text, #text, p{  
    color:#61BF33  
}
```

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 #61BF33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61BF33
}
```

## Border

The CSS property to change the border of an element to Hex 61BF33 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
#61BF33 }
```

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

```
.border{ border-color:#61BF33 }
```

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

Here you see how a box with a 4 pixel #61BF33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61BF33; -webkit-box-shadow:4px 4px  
4px 4px #61BF33; box-shadow:4px 4px 4px  
4px #61BF33 }
```

# Background

The CSS property to change the background color of an element to Hex 61BF33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61BF33 }
```

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

```
.background{ background-color:#61BF33 }
```

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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