

Converting Colors

Hex(66BF33)

Have a look what the booklet for
Hex(66BF33) contains.

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Color

Hex(66BF33)

Conversions

Conversions Part 1

Format	Color
Hex	66BF33
RGB	102, 191, 51
RGB Percent	40%, 75%, 20%
CMY	0.6000, 0.2510, 0.8000
CMYK	0.47, 0.00, 0.73, 0.25
HSL	98°, 58%, 47%
HSV	98°, 73%, 75%
XYZ	24.7078, 40.3254, 9.6133
YIQ	148.4290, -8.1040, -62.4080

Conversions

Conversions Part 2

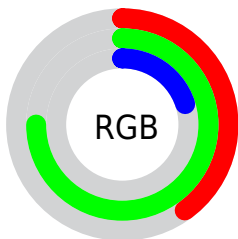
Format	Color
R _{YB}	51, 191, 140
Decimal	6733619
CIE Lab	69.70, -50.29, 58.70
CIE LCh	70, 77.301, 130.588
Yxy	40.3254, 0.3310, 0.5402
Android (android.graphics.Color)	4284923699 (0xFF66BF33)
YUV	148.4290, -48.0325, -40.7182
Hunter-Lab	63.5023, -41.6772, 35.4760

Details

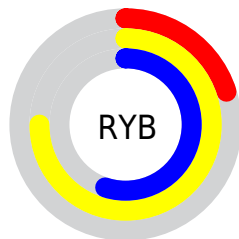
The Hex color **66BF33** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **8C33BF**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **A0F86A**, and **288900** is the 20% darker color. If you saturate the color by 10%, you get **5ABF20**, and if you desaturate by 10%, it is **72BF46**.

Distribution



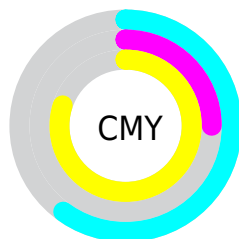
- Red (40%)
- Green (75%)
- Blue (20%)



- Red (20%)
- Yellow (75%)
- Blue (55%)



- Cyan (47%)
- Magenta (0%)
- Yellow (73%)
- Black (25%)



- Cyan (60%)
- Magenta (25%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66BF33 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 66BF33 by changing the saturation by 10% instead.

 66BF33

 66BF33

FFFFFF

 49A311

 A0F86A

 288900

 BDF86

 006F00

 DAFFA1

 005500

 F8FFBE

 003D00

 FFFFDA

 002700

 FFFFF8

 000000

 66BF33

 66BF33

 5ABF20

 72BF46

 4EBF0D

 7EBF59

 46BF00

 8ABF6C

 97BF7F

 A3BF93

 AFBFA6

 BBBFB9

 C7BFCC

 D3BFDF

Harmonies

Analogous

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



B5AF00



66BF33



00C879

Triad

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



66BF33



00BFFF



FF6194

Complementary

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



66BF33



8C33BF

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.



FF6BDB



66BF33



1BAAFF

Square

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



66BF33



00C8FF



CC8CFF



FF7752

Rectangle

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



66BF33



00CAAA



CC8CFF



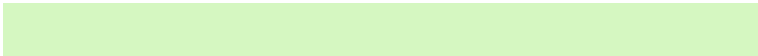
FF60AC

Sweetspot

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



66BF33



D5F7C1



BF8C33



687D5C



FCFCFC



7D7D7D

Same Dimension

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



66BF33



6DF71E



33BF46



585E55



3A9E00



0B1F00

Inverse Universe

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



8C33BF



A81EF7



BF33AC



5B555E



65009E



13001F

Previews

White Background



This preview shows how the Hex color 66BF33 looks on a white background.

Color Contrast Check

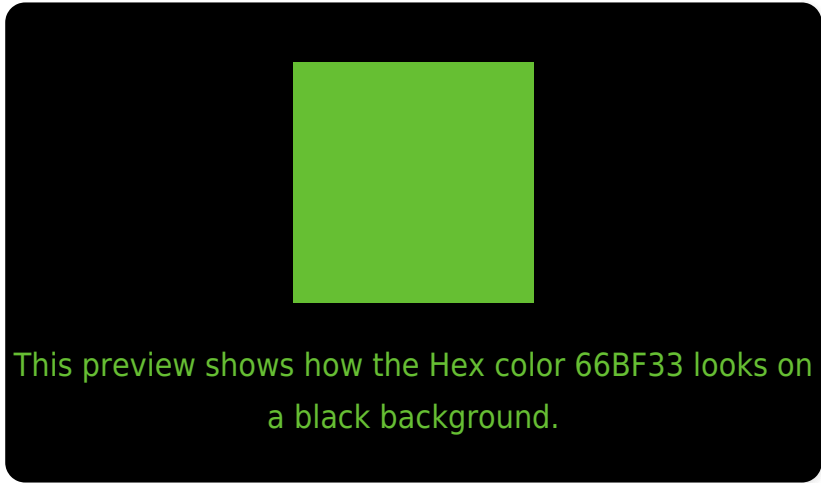
Large Text (above 18pt) WCAG AA × Fail

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 66BF33 Background



This preview shows how black text looks on a background with the Hex color 66BF33.

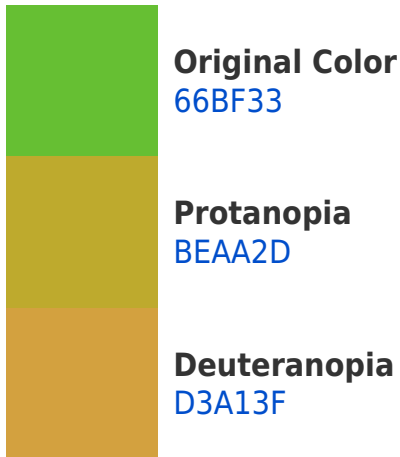


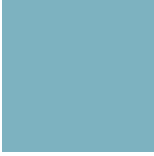
This preview shows how white text looks on a background with the Hex color 66BF33.

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
7DB2C0

Trichromacy



Original Color
66BF33



Protanomaly
9EB22F



Deuteranomaly
ABAC3B



Tritanomaly
75B78D

Monochromacy



Original Color
66BF33



Achromatopsia
949494



Achromatomaly
83A471

CSS Examples

Text

The CSS property to change the color of the text to Hex 66BF33 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 #66BF33 looks like.

```
.text, #text, p{  
    color:#66BF33  
}
```

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 #66BF33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66BF33
}
```

Border

The CSS property to change the border of an element to Hex 66BF33 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
#66BF33 }
```

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

```
.border{ border-color:#66BF33 }
```

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

Here you see how a box with a 4 pixel #66BF33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66BF33; -webkit-box-shadow:4px 4px  
4px 4px #66BF33; box-shadow:4px 4px 4px  
4px #66BF33 }
```

Background

The CSS property to change the background color of an element to Hex 66BF33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66BF33 }
```

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

```
.background{ background-color:#66BF33 }
```

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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