

Converting Colors

Hex(6ACF33)

Have a look what the booklet for
Hex(6ACF33) contains.

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Color

Hex(6ACF33)

Conversions

Conversions Part 1

Format	Color
Hex	6ACF33
RGB	106, 207, 51
RGB Percent	42%, 81%, 20%
CMY	0.5843, 0.1882, 0.8000
CMYK	0.49, 0.00, 0.75, 0.19
HSL	99°, 62%, 51%
HSV	99°, 75%, 81%
XYZ	28.8542, 47.9288, 10.8624
YIQ	159.0170, -10.1200, -69.9280

Conversions

Conversions Part 2

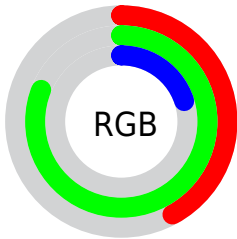
Format	Color
RYB	51, 207, 152
Decimal	6999859
CIELab	74.78, -55.25, 63.76
CIELCh	75, 84.368, 130.911
Yxy	47.9288, 0.3292, 0.5468
Android (android.graphics.Color)	4285189939 (0xFF6ACF33)
YUV	159.0170, -53.2524, -46.4959
Hunter-Lab	69.2307, -46.7577, 39.1588

Details

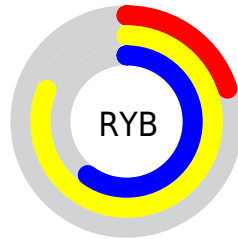
The Hex color **6ACF33** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **9833CF**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **A5FF6C**, and **289800** is the 20% darker color. If you saturate the color by 10%, you get **5DCF1E**, and if you desaturate by 10%, it is **77CF48**.

Distribution



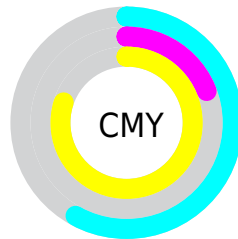
- Red (42%)
- Green (81%)
- Blue (20%)



- Red (20%)
- Yellow (81%)
- Blue (60%)



- Cyan (49%)
- Magenta (0%)
- Yellow (75%)
- Black (19%)



- Cyan (58%)
- Magenta (19%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6ACF33 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 6ACF33 by changing the saturation by 10% instead.

 6ACF33

 6ACF33

FFFFFF

 4BB30C

 A5FF6C

 289800

 C3FF88

 007D00

 E0FFA4

 006300

 FFFFC1

 004A00

 FFFFDE

 003300

 FFFFFB

 001900

 000000

 6ACF33

 6ACF33

■ 5DCF1E

■ 77CF48

■ 4FCF0A

■ 85CF5C

■ 49CF00

■ 92CF71

■ A0CF86

■ ADCF9B

■ BACFAF

■ C8CFC4

■ D5CFD9

■ E3CFED

Harmonies

Analogous

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



C2BD00



6ACF33



00D882

Triad

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



6ACF33



00CEFF



FF659F

Complementary

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



6ACF33



9833CF

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.



FF71ED



6ACF33



00B8FF

Square

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



6ACF33



00D9FF



DE96FF



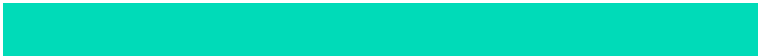
FF7F55

Rectangle

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



6ACF33



00DBB8



DE96FF



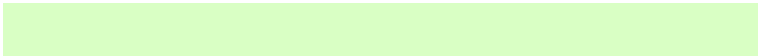
FF64B9

Sweetspot

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



6ACF33



D9FFC4



CF9633



68805C



000000



808080

Same Dimension

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



6ACF33



6AFF19



33CF48



62695E



3BA800



0E2900

Inverse Universe

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



9833CF



AE19FF



CF33BA



655E69



6D00A8



1A0029

Previews

White Background



This preview shows how the Hex color 6ACF33 looks on a white background.

Color Contrast Check

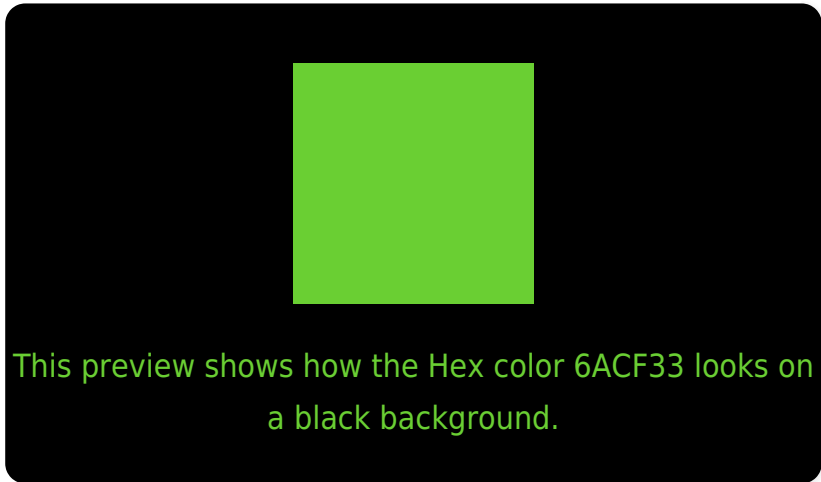
Large Text (above 18pt) WCAG AA × Fail

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 6ACF33 Background



This preview shows how black text looks on a background with the Hex color 6ACF33.

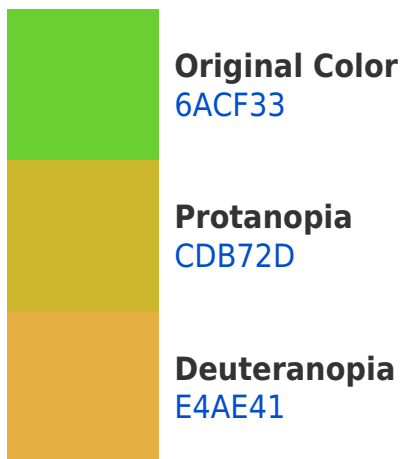


This preview shows how white text looks on a background with the Hex color 6ACF33.

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
84C1D1

Trichromacy



Original Color
6ACF33



Protanomaly
A9C02F



Deuteranomaly
B8BA3C

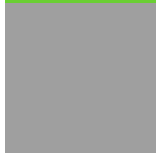


Tritanomaly
7BC698

Monochromacy



Original Color
6ACF33



Achromatopsia
9F9F9F



Achromatomaly
8CB078

CSS Examples

Text

The CSS property to change the color of the text to Hex 6ACF33 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 #6ACF33 looks like.

```
.text, #text, p{  
    color:#6ACF33  
}
```

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 #6ACF33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ACF33
}
```

Border

The CSS property to change the border of an element to Hex 6ACF33 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
#6ACF33 }
```

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

```
.border{ border-color:#6ACF33 }
```

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

Here you see how a box with a 4 pixel #6ACF33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ACF33; -webkit-box-shadow:4px 4px  
4px 4px #6ACF33; box-shadow:4px 4px 4px  
4px #6ACF33 }
```

Background

The CSS property to change the background color of an element to Hex 6ACF33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ACF33 }
```

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

```
.background{ background-color:#6ACF33 }
```

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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