

Converting Colors

Hex(66A033)

Have a look what the booklet for
Hex(66A033) contains.

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Color

Hex(66A033)

Conversions

Conversions Part 1

Format	Color
Hex	66A033
RGB	102, 160, 51
RGB Percent	40%, 63%, 20%
CMY	0.6000, 0.3725, 0.8000
CMYK	0.36, 0.00, 0.68, 0.37
HSL	92°, 52%, 41%
HSV	92°, 68%, 63%
XYZ	18.6478, 28.2054, 7.5933
YIQ	130.2320, 0.4210, -46.1950

Conversions

Conversions Part 2

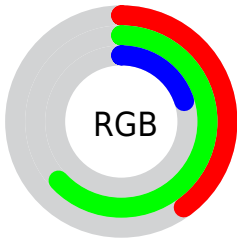
Format	Color
RYB	51, 160, 109
Decimal	6725683
CIELab	60.07, -37.37, 48.84
CIELCh	60, 61.495, 127.421
Yxy	28.2054, 0.3425, 0.5180
Android (android.graphics.Color)	4284915763 (0xFF66A033)
YUV	130.2320, -39.0614, -24.7595
Hunter-Lab	53.1088, -30.2645, 28.6991

Details

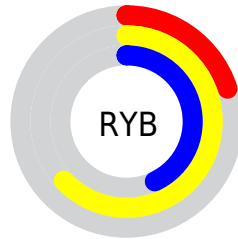
The Hex color **66A033** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6D33A0**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **9DD767**, and **306C00** is the 20% darker color. If you saturate the color by 10%, you get **5DA023**, and if you desaturate by 10%, it is **6FA043**.

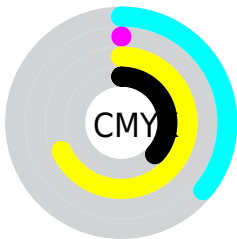
Distribution



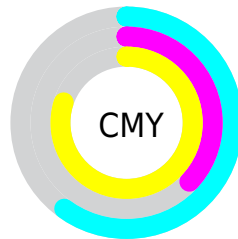
- Red (40%)
- Green (63%)
- Blue (20%)



- Red (20%)
- Yellow (63%)
- Blue (43%)



- Cyan (36%)
- Magenta (0%)
- Yellow (68%)
- Black (37%)



- Cyan (60%)
- Magenta (37%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66A033 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 66A033 by changing the saturation by 10% instead.



66A033



66A033

FFFFFF



4B8617



9DD767



306C00



B9F482



125300



D6FF9D



003B00



F3FFB8



002700



FFFFD5



000100



FFFFF2



000000



66A033



66A033



5DA023



6FA043

 55A013

 77A053

 4CA003

 80A063

 4BA000

 88A073

 91A083

 99A093

 A2A0A3

 AAA0B3

 B3A0C3

Harmonies

Analogous

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



A09312



66A033



00A865

Triad

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



66A033



00A2F5



F25C86

Complementary

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



66A033



6D33A0

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.



DC65BC



66A033



2593FD

Square

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



66A033



00A9D1



A47CE7



EB6852

Rectangle

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



66A033



00AA8A



A47CE7



EE5C98

Sweetspot

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



66A033



BBD1A7



A06B33



5B694F



E8E8E8



696969

Same Dimension

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



66A033



76D126



33A035



4B4F47



438F00



070F00

Inverse Universe

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



6D33A0



8126D1



A0339E



4B474F



4C008F



08000F

Previews

White Background



This preview shows how the Hex color 66A033 looks on a white background.

Color Contrast Check

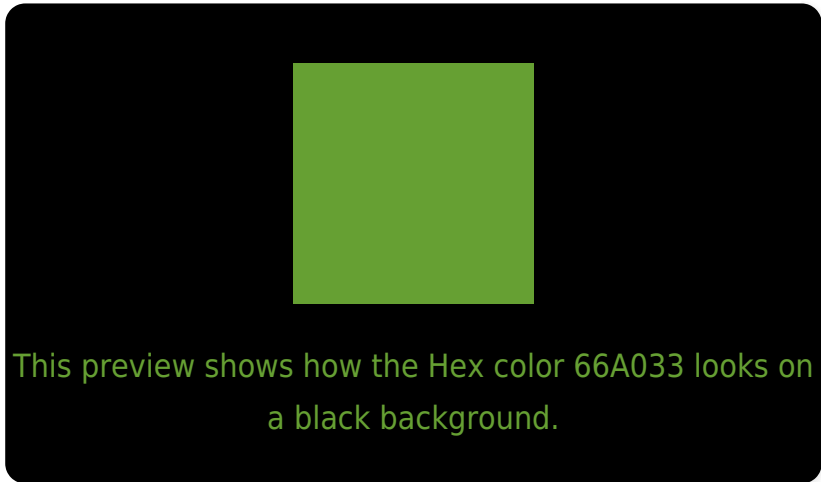
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 66A033 Background



This preview shows how black text looks on a background with the Hex color 66A033.

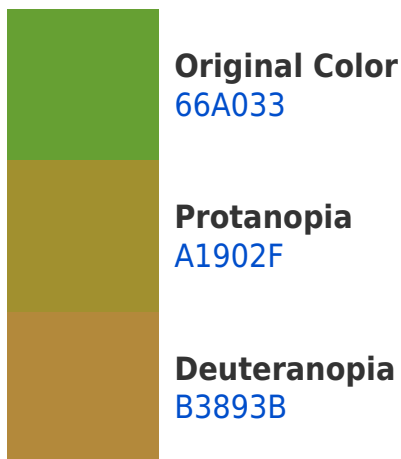


This preview shows how white text looks on a background with the Hex color 66A033.

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
7696A1

Trichromacy



Original Color
66A033

Protanomaly
8C9630

Deuteranomaly
979138

Tritanomaly
709A79

Monochromacy



Original Color
66A033

Achromatopsia
828282

Achromatomaly
788D65

CSS Examples

Text

The CSS property to change the color of the text to Hex 66A033 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 #66A033 looks like.

```
.text, #text, p{  
    color:#66A033  
}
```

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 #66A033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66A033  
}
```

Border

The CSS property to change the border of an element to Hex 66A033 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  
#66A033 }
```

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

```
.border{ border-color:#66A033 }
```

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

Here you see how a box with a 4 pixel #66A033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66A033; -webkit-box-shadow:4px 4px  
4px 4px #66A033; box-shadow:4px 4px 4px  
4px #66A033 }
```

Background

The CSS property to change the background color of an element to Hex 66A033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66A033 }
```

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

```
.background{ background-color:#66A033 }
```

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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