

Converting Colors

Hex(66E34B)

Have a look what the booklet for
Hex(66E34B) contains.

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Color

Hex(66E34B)

Conversions

Conversions Part 1

Format	Color
Hex	66E34B
RGB	102, 227, 75
RGB Percent	40%, 89%, 29%
CMY	0.6000, 0.1098, 0.7059
CMYK	0.55, 0.00, 0.67, 0.11
HSL	109°, 73%, 59%
HSV	109°, 67%, 89%
XYZ	34.2186, 58.2710, 16.1005
YIQ	172.2970, -25.7080, -73.7720

Conversions

Conversions Part 2

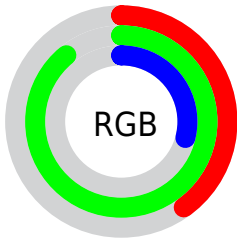
Format	Color
RYB	75, 227, 200
Decimal	6742859
CIELab	80.89, -61.93, 61.29
CIELCh	81, 87.131, 135.298
Yxy	58.2710, 0.3151, 0.5366
Android (android.graphics.Color)	4284932939 (0xFF66E34B)
YUV	172.2970, -47.9674, -61.6505
Hunter-Lab	76.3354, -53.5715, 40.9295

Details

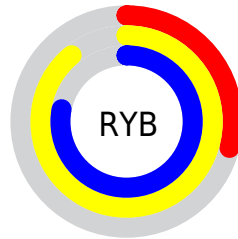
The Hex color **66E34B** is a dark color, and the websafe version is hex **33CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **C84BE3**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **A3FF82**, and **19AA03** is the 20% darker color. If you saturate the color by 10%, you get **53E334**, and if you desaturate by 10%, it is **79E362**.

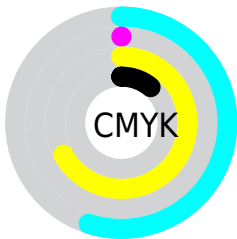
Distribution



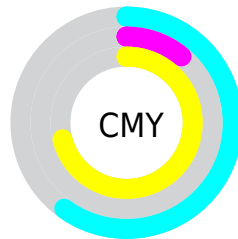
- Red (40%)
- Green (89%)
- Blue (29%)



- Red (29%)
- Yellow (89%)
- Blue (78%)



- Cyan (55%)
- Magenta (0%)
- Yellow (67%)
- Black (11%)



- Cyan (60%)
- Magenta (11%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66E34B 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 66E34B by changing the saturation by 10% instead.

 66E34B

 66E34B


FFFFFF

 45C62E

 A3FF82

 19AA03

 C1FF9E

 008F00

 DFFFBB

 007400


 FEFFD7

 005B00

 FFFFF5

 004200

 002A00

 000600

 000000

 66E34B

 66E34B

 53E334

 79E362

 41E31E

 8BE378

 2EE307

 9EE38F

 28E300

 B1E3A6

 C3E3BD

 D6E3D3

 E9E3EA

 FBE3FF

 FFE3FF

Harmonies

Analogous

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



C8D200



66E34B



00EC9D

Triad

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



66E34B



00DEFF



FF76A3

Complementary

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



66E34B



C84BE3

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.



FF7BF4



66E34B



68C4FF

Square

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



66E34B



00EBFF



FF9FFF



FF9357

Rectangle

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



66E34B



00EED5



FF9FFF



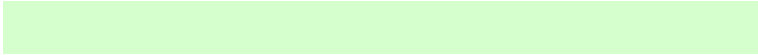
FF73BE

Sweetspot

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



66E34B



D5FFCC



E3C74B



668061



000000



808080

Same Dimension

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



66E34B



57FF33



4BE37B



697367



20B300



093300

Inverse Universe

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



C84BE3



DB33FF



E34BB3



716773



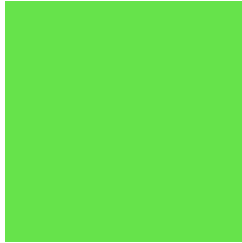
9300B3



2A0033

Previews

White Background



This preview shows how the Hex color 66E34B 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



This preview shows how the Hex color 66E34B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

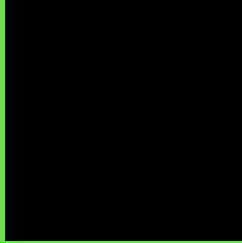
Any Text WCAG AA ✓ Pass

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 66E34B Background



This preview shows how black text looks on a background with the Hex color 66E34B.

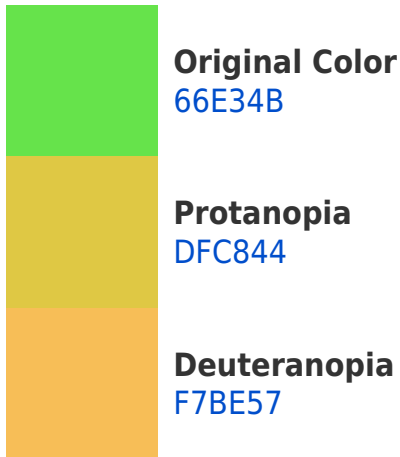


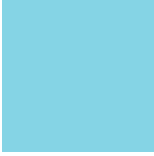
This preview shows how white text looks on a background with the Hex color 66E34B.

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](#).

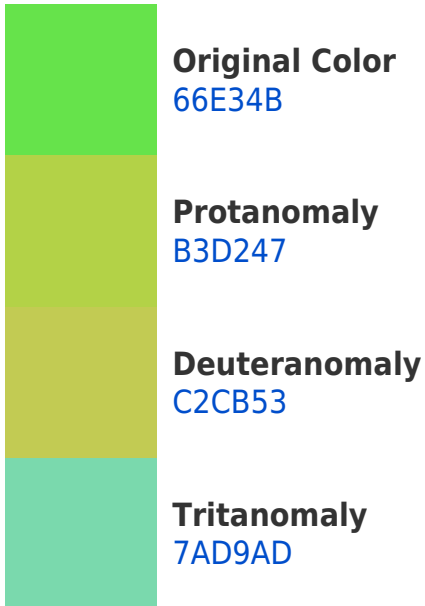
Dichromacy



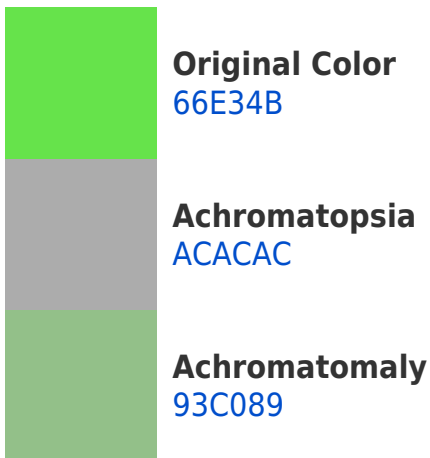


Tritanopia
85D4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66E34B 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 #66E34B looks like.

```
.text, #text, p{  
    color:#66E34B  
}
```

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 #66E34B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66E34B
}
```

Border

The CSS property to change the border of an element to Hex 66E34B 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
#66E34B }
```

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

```
.border{ border-color:#66E34B }
```

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

Here you see how a box with a 4 pixel #66E34B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66E34B; -webkit-box-shadow:4px 4px  
4px 4px #66E34B; box-shadow:4px 4px 4px  
4px #66E34B }
```

Background

The CSS property to change the background color of an element to Hex 66E34B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66E34B }
```

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

```
.background{ background-color:#66E34B }
```

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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