

Converting Colors

Hex(66BE3A)

Have a look what the booklet for
Hex(66BE3A) contains.

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Color

Hex(66BE3A)

Conversions

Conversions Part 1

Format	Color
Hex	66BE3A
RGB	102, 190, 58
RGB Percent	40%, 75%, 23%
CMY	0.6000, 0.2549, 0.7725
CMYK	0.46, 0.00, 0.69, 0.25
HSL	100°, 53%, 49%
HSV	100°, 69%, 75%
XYZ	24.6567, 39.9572, 10.4160
YIQ	148.6400, -10.0760, -59.7080

Conversions

Conversions Part 2

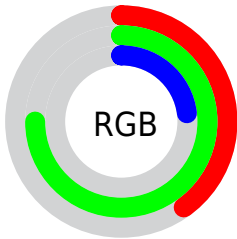
Format	Color
RYB	58, 190, 146
Decimal	6733370
CIELab	69.44, -49.39, 55.84
CIElCh	69, 74.545, 131.490
Yxy	39.9572, 0.3286, 0.5326
Android (android.graphics.Color)	4284923450 (0xFF66BE3A)
YUV	148.6400, -44.6855, -40.9033
Hunter-Lab	63.2117, -40.9939, 34.4784

Details

The Hex color **66BE3A** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **923ABE**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **9FF770**, and **298800** is the 20% darker color. If you saturate the color by 10%, you get **59BE27**, and if you desaturate by 10%, it is **73BE4D**.

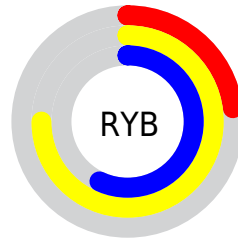
Distribution



Red (40%)

Green (75%)

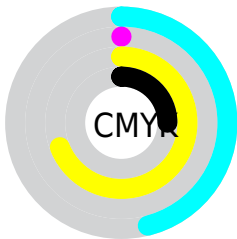
Blue (23%)



Red (23%)

Yellow (75%)

Blue (57%)

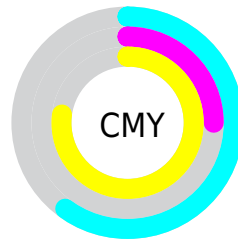


Cyan (46%)

Magenta (0%)

Yellow (69%)

Black (25%)



Cyan (60%)

Magenta (25%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66BE3A 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 66BE3A by changing the saturation by 10% instead.

 66BE3A

 66BE3A

FFFFFF

 49A21C

 9FF770

 298800

 BCFF8B

 006E00

 DAFFA7

 005400

 F7FFC3

 003C00

 FFFFEO

 002600

FFFFFFD

 000000

 66BE3A

 66BE3A

 59BE27

 73BE4D

■ 4DBE14

■ 7FBE60

■ 40BE01

■ 8CBE73

■ 3FBE00

■ 99BE86

■ A5BE99

■ B2BEAC

■ BFBEBF

■ CBBED2

■ D8BEE5

Harmonies

Analogous

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



B2AF00



66BE3A



00C67C

Triad

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



66BE3A



00BDFE



FF6592

Complementary

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



66BE3A



923ABE

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.



FF6ED6



66BE3A



3CA9FF

Square

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



66BE3A



00C6FF



CD8BFF



FF7953

Rectangle

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



66BE3A



00C9AB



CD8BFF



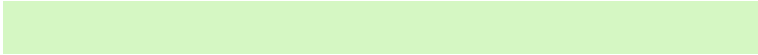
FF64A9

Sweetspot

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



66BE3A



D5F7C3



BE923A



687D5E



FCFCFC



7D7D7D

Same Dimension

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



66BE3A



6EF72A



3ABE50



585E55



359E00



0A1F00

Inverse Universe

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



923ABE



B32AF7



BE3AA8



5B555E



69009E



14001F

Previews

White Background



This preview shows how the Hex color 66BE3A looks on a white background.

Color Contrast Check

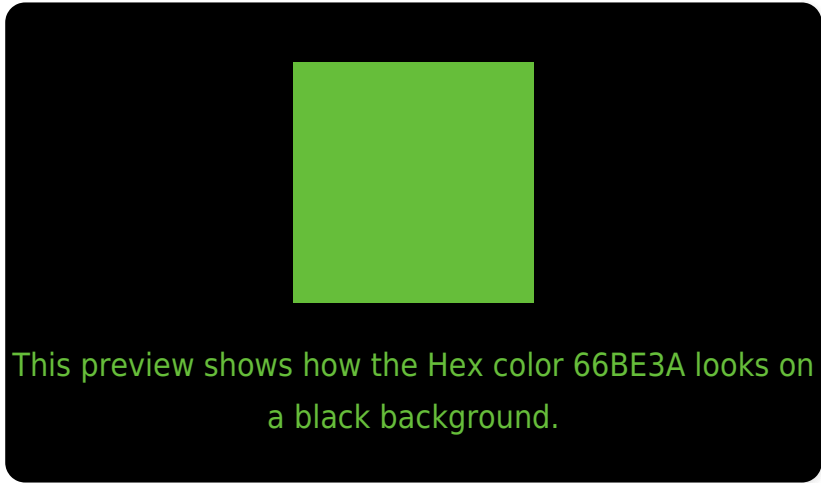
Large Text (above 18pt) WCAG AA × Fail

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 66BE3A Background



This preview shows how black text looks on a background with the Hex color 66BE3A.

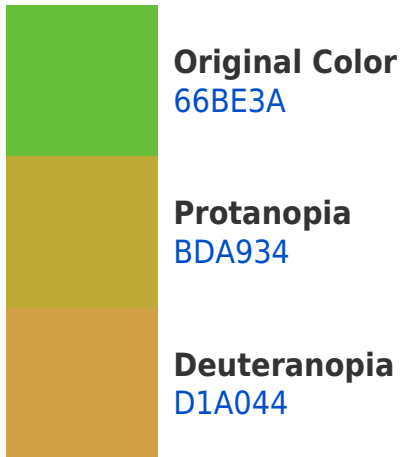


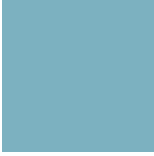
This preview shows how white text looks on a background with the Hex color 66BE3A.

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](#).

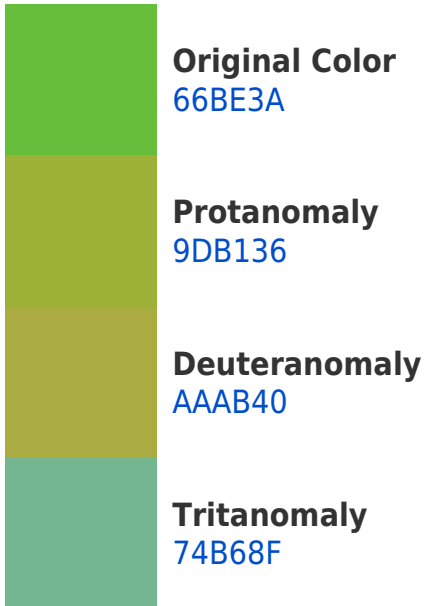
Dichromacy



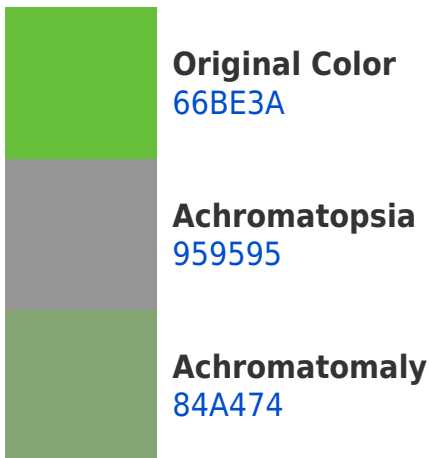


Tritanopia
7CB1C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66BE3A 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 #66BE3A looks like.

```
.text, #text, p{  
    color:#66BE3A  
}
```

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 #66BE3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66BE3A
}
```

Border

The CSS property to change the border of an element to Hex 66BE3A 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
#66BE3A }
```

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

```
.border{ border-color:#66BE3A }
```

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

Here you see how a box with a 4 pixel #66BE3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66BE3A; -webkit-box-shadow:4px 4px  
4px 4px #66BE3A; box-shadow:4px 4px 4px  
4px #66BE3A }
```

Background

The CSS property to change the background color of an element to Hex 66BE3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66BE3A }
```

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

```
.background{ background-color:#66BE3A }
```

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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