

# Converting Colors

Hex(66BA5C)

Have a look what the booklet for  
Hex(66BA5C) contains.

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# **Color**

**Hex(66BA5C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66BA5C
RGB	102, 186, 92
RGB Percent	40%, 73%, 36%
CMY	0.6000, 0.2706, 0.6392
CMYK	0.45, 0.00, 0.51, 0.27
HSL	114°, 41%, 55%
HSV	114°, 51%, 73%
XYZ	24.9702, 38.7153, 16.2820
YIQ	150.1680, -19.8900, -47.0420

# Conversions

## Conversions Part 2

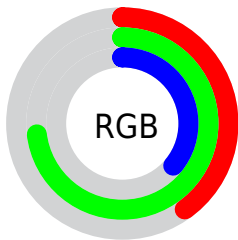
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 186, 176
Decimal	6732380
CIELab	68.54, -44.18, 39.61
CIELCh	69, 59.340, 138.125
Yxy	38.7153, 0.3123, 0.4841
Android (android.graphics.Color)	4284922460 (0xFF66BA5C)
YUV	150.1680, -28.6768, -42.2433
Hunter-Lab	62.2216, -37.2540, 28.0403

# Details

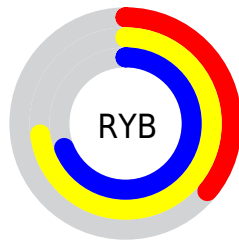
The Hex color **66BA5C** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B05CBA**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **9EF390**, and **2D842A** is the 20% darker color. If you saturate the color by 10%, you get **55BA49**, and if you desaturate by 10%, it is **77BA6F**.

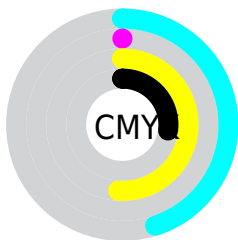
# Distribution



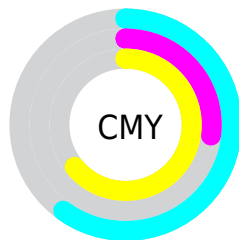
- Red (40%)
- Green (73%)
- Blue (36%)



- Red (36%)
- Yellow (73%)
- Blue (69%)



- Cyan (45%)
- Magenta (0%)
- Yellow (51%)
- Black (27%)



- Cyan (60%)
- Magenta (27%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66BA5C 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 66BA5C by changing the saturation by 10% instead.



 66BA5C

 66BA5C

FFFFFF

 4A9F43

 9EF390

 2D842A

 BAFFAB

 026A0F

 D7FFC7

 005100

 F4FFE3

 003900

 002400

 000000

 66BA5C

 66BA5C

 55BA49

 77BA6F

 45BA37

 87BA81

 34BA24

 98BA94

 24BA12

 A8BAA6

 14BA00

 B9BAB9

 CABACC

 DABADE

 EBBAF1

 FCBAFF

# Harmonies

## Analogous

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



A5AE39



66BA5C



00C08F

# Triad

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



66BA5C



00B3FF



FF7889

# Complementary

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



66BA5C



B05CBA

# 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.



FE7ABF



66BA5C



83A2FF

# Square

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



66BA5C



00BEF6



D38BEF



FA8859

# Rectangle

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



66BA5C



00C2B5



D38BEF



FF769B

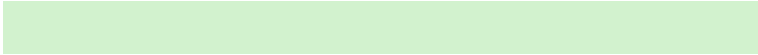


# Sweetspot

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



66BA5C



D2F2CE



BAAF5C



677A64



FAFAFA



7A7A7A



# Same Dimension

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



66BA5C



6EF25E



5CBA80



545C53



119C00



031C00



# Inverse Universe

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



B05CBA



E35EF2



BA5C96



5B535C



8B009C



19001C



# Previews

## White Background



This preview shows how the Hex color 66BA5C looks on a white background.

## Color Contrast Check

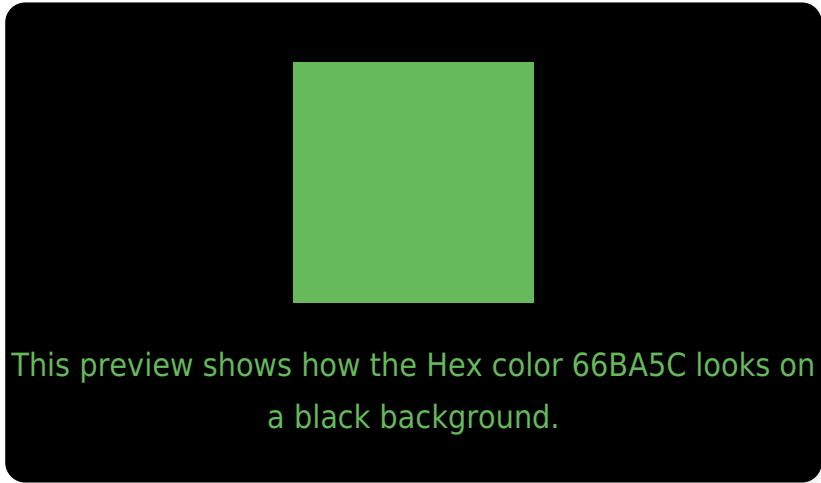
Large Text (above 18pt) WCAG AA × Fail

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

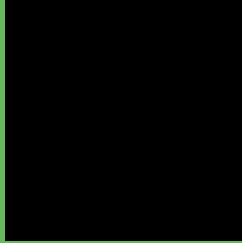
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 66BA5C Background



This preview shows how black text looks on a background with the Hex color 66BA5C.

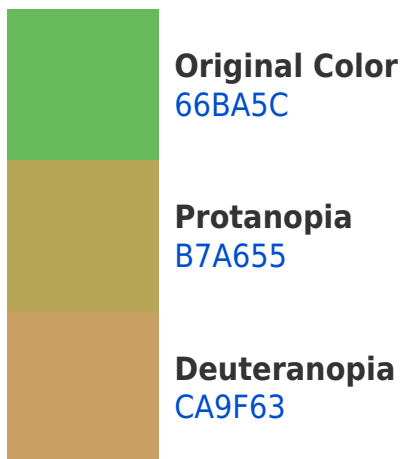


This preview shows how white text looks on a background with the Hex color 66BA5C.

# 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](#).

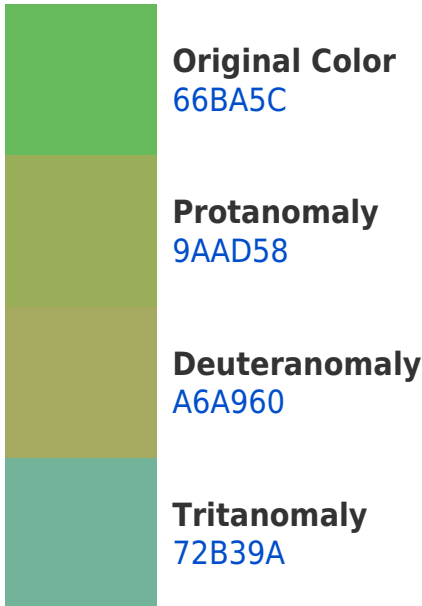
## Dichromacy



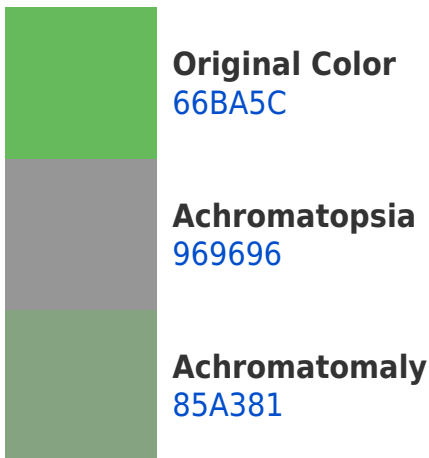


**Tritanopia**  
79AFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66BA5C 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 #66BA5C looks like.

```
.text, #text, p{  
    color:#66BA5C  
}
```

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 #66BA5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66BA5C
}
```

## Border

The CSS property to change the border of an element to Hex 66BA5C 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
#66BA5C }
```

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

```
.border{ border-color:#66BA5C }
```

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

Here you see how a box with a 4 pixel #66BA5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66BA5C; -webkit-box-shadow:4px 4px  
4px 4px #66BA5C; box-shadow:4px 4px 4px  
4px #66BA5C }
```

# Background

The CSS property to change the background color of an element to Hex 66BA5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66BA5C }
```

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

```
.background{ background-color:#66BA5C }
```

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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