

# Converting Colors

Hex(66BA58)

Have a look what the booklet for  
Hex(66BA58) contains.

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**Color**

**Hex(66BA58)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66BA58
RGB	102, 186, 88
RGB Percent	40%, 73%, 35%
CMY	0.6000, 0.2706, 0.6549
CMYK	0.45, 0.00, 0.53, 0.27
HSL	111°, 42%, 54%
HSV	111°, 53%, 73%
XYZ	24.7998, 38.6472, 15.3851
YIQ	149.7120, -18.6060, -48.2860

# Conversions

## Conversions Part 2

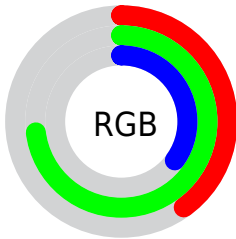
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 186, 172
Decimal	6732376
CIELab	68.49, -44.70, 41.51
CIELCh	68, 61.002, 137.119
Yxy	38.6472, 0.3146, 0.4902
Android (android.graphics.Color)	4284922456 (0xFF66BA58)
YUV	149.7120, -30.4240, -41.8434
Hunter-Lab	62.1668, -37.5841, 28.8437

# Details

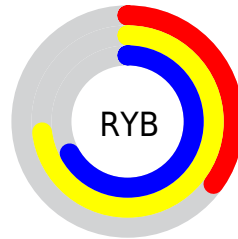
The Hex color **66BA58** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **AC58BA**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **9EF38C**, and **2C8426** is the 20% darker color. If you saturate the color by 10%, you get **56BA45**, and if you desaturate by 10%, it is **76BA6B**.

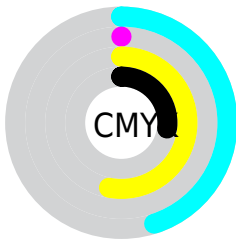
# Distribution



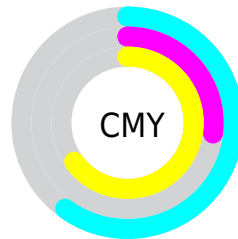
- Red (40%)
- Green (73%)
- Blue (35%)



- Red (35%)
- Yellow (73%)
- Blue (67%)



- Cyan (45%)
- Magenta (0%)
- Yellow (53%)
- Black (27%)



- Cyan (60%)
- Magenta (27%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66BA58 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 66BA58 by changing the saturation by 10% instead.



 66BA58

 66BA58

FFFFFF

 4A9F3F

 9EF38C

 2C8426

 BAFFA7

 016A08

 D7FFC3

 005100

 F5FFDF

 003900

 FFFFCC

 002400

 000000

 66BA58

 66BA58

 56BA45

 76BA6B

 46BA33

 86BA7D

 36BA20

 96BA90

 26BA0E

 A6BAA2

 1BBA00

 B6BAB5

 C6BAC8

 D6BADA

 E6BAED

 F5BAFF

# Harmonies

## Analogous

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



A6AE34



66BA58



00C08D

# Triad

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



66BA58



00B4FF



FF768A

# Complementary

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



66BA58



AC58BA

# 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.



FF78C1



66BA58



7DA2FF

# Square

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



66BA58



00BEF7



D28BF3



FD8658

# Rectangle

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



66BA58



00C2B3



D28BF3



FF749C

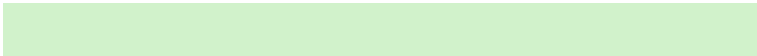


# Sweetspot

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



66BA58



D1F2CB



BAAB58



667A63



FAFAFA



7A7A7A



# Same Dimension

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



66BA58



6FF25A



58BA7A



545C53



169C00



041C00



# Inverse Universe

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



AC58BA



DC5AF2



BA5898



5A535C



85009C



18001C



# Previews

## White Background



This preview shows how the Hex color 66BA58 looks on a white background.

## Color Contrast Check

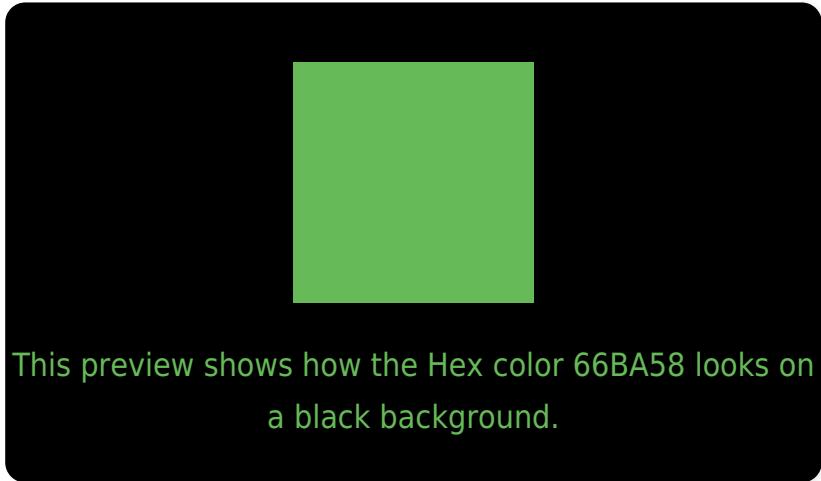
Large Text (above 18pt) WCAG AA × Fail

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

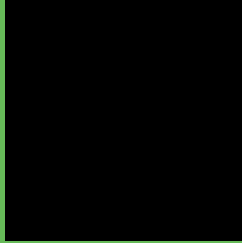
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 66BA58 Background



This preview shows how black text looks on a background with the Hex color 66BA58.

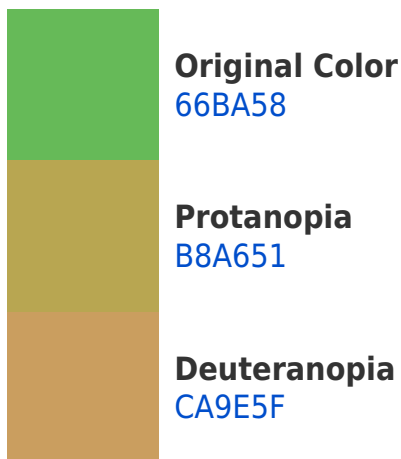


This preview shows how white text looks on a background with the Hex color 66BA58.

# 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](#).

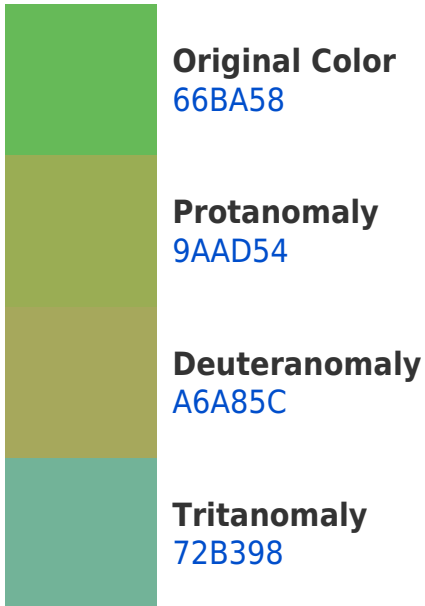
## Dichromacy



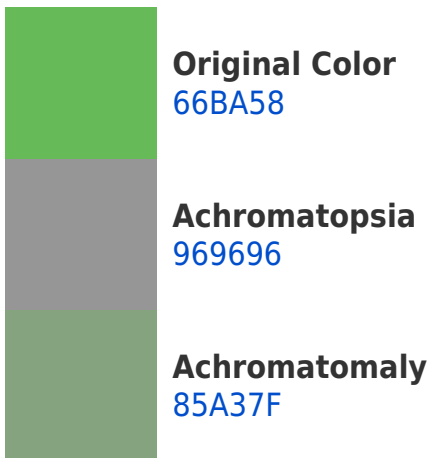


**Tritanopia**  
79AFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66BA58 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 #66BA58 looks like.

```
.text, #text, p{  
    color:#66BA58  
}
```

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 #66BA58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66BA58  
}
```

## Border

The CSS property to change the border of an element to Hex 66BA58 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  
#66BA58 }
```

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

```
.border{ border-color:#66BA58 }
```

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

Here you see how a box with a 4 pixel #66BA58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66BA58; -webkit-box-shadow:4px 4px  
4px 4px #66BA58; box-shadow:4px 4px 4px  
4px #66BA58 }
```

# Background

The CSS property to change the background color of an element to Hex 66BA58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66BA58 }
```

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

```
.background{ background-color:#66BA58 }
```

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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