

# Converting Colors

Hex(66B555)

Have a look what the booklet for  
Hex(66B555) contains.

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# **Color**

**Hex(66B555)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66B555
RGB	102, 181, 85
RGB Percent	40%, 71%, 33%
CMY	0.6000, 0.2902, 0.6667
CMYK	0.44, 0.00, 0.53, 0.29
HSL	109°, 39%, 52%
HSV	109°, 53%, 71%
XYZ	23.6431, 36.5284, 14.3989
YIQ	146.4350, -16.2680, -46.6040

# Conversions

## Conversions Part 2

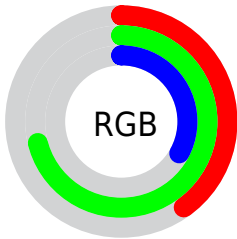
Format	Color
<a href="#">RYB</a>	<a href="#">85, 181, 164</a>
Decimal	<a href="#">6731093</a>
CIELab	<a href="#">66.92, -42.97, 41.07</a>
CIELCh	<a href="#">67, 59.440, 136.290</a>
Yxy	<a href="#">36.5284, 0.3171, 0.4899</a>
Android (android.graphics.Color)	<a href="#">4284921173 (0xFF66B555)</a>
YUV	<a href="#">146.4350, -30.2875, -38.9695</a>
Hunter-Lab	<a href="#">60.4387, -35.9403, 28.1819</a>

# Details

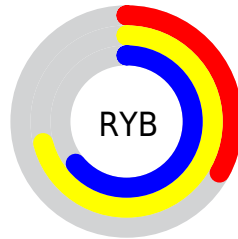
The Hex color **66B555** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **A455B5**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **9DED89**, and **2E7F23** is the 20% darker color. If you saturate the color by 10%, you get **57B543**, and if you desaturate by 10%, it is **75B567**.

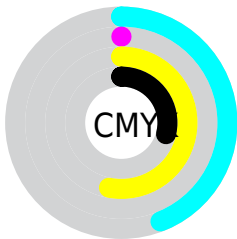
# Distribution



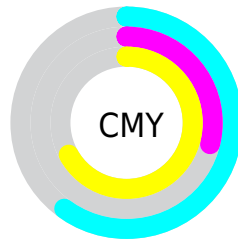
- Red (40%)
- Green (71%)
- Blue (33%)



- Red (33%)
- Yellow (71%)
- Blue (64%)



- Cyan (44%)
- Magenta (0%)
- Yellow (53%)
- Black (29%)



- Cyan (60%)
- Magenta (29%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66B555 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 66B555 by changing the saturation by 10% instead.



 66B555

 66B555

FFFFFF

 4A9A3C

 9DED89

 2E7F23

 BAFFA4

 066605

 D7FFBF

 004D00

 F4FFDC

 003500

 FFFFF9

 002000

 000000

 66B555

 66B555

 57B543

 75B567

 48B531

 84B579

 39B51F

 93B58B

 2AB50D

 A2B59D

 20B500

 B0B5B0

 BFB5C2

 CEB5D4

 DDB5E6

 ECB5F8

# Harmonies

## Analogous

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



A4A933



66B555



00BB88

# Triad

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



66B555



00B0FF



FF7388

# Complementary

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



66B555



A455B5

# 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.



F876BE



66B555



779FFF

# Square

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



66B555



00BAEF



CB88ED



F78257

# Rectangle

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



66B555



00BDAD



CB88ED



FF729A



# Sweetspot

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



66B555



CCEBC5



B5A355



63755F



F5F5F5



757575



# Same Dimension

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



66B555



6FEB54



55B573



525950



1B9900



051A00



# Inverse Universe

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



A455B5



D054EB



B55597



585059



7E0099



15001A



# Previews

## White Background



This preview shows how the Hex color 66B555 looks on a white background.

## Color Contrast Check

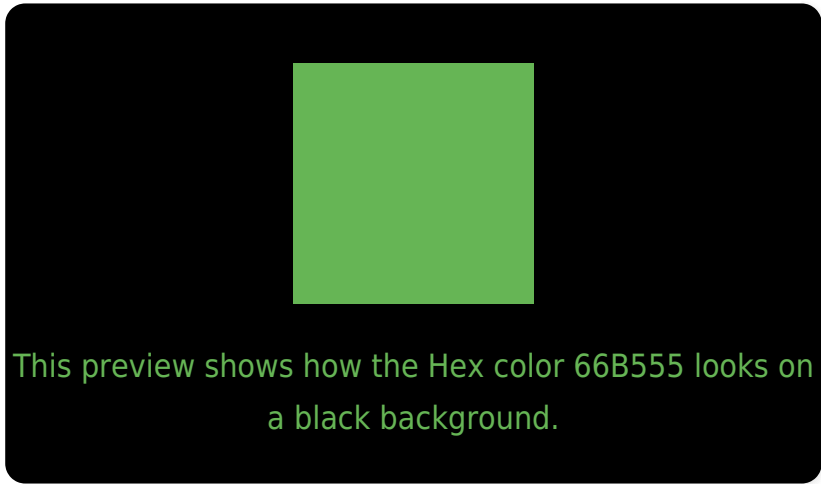
Large Text (above 18pt) WCAG AA × Fail

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

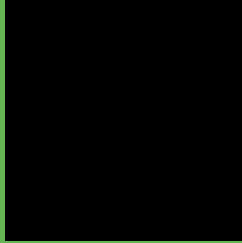
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 66B555 Background



This preview shows how black text looks on a background with the Hex color 66B555.

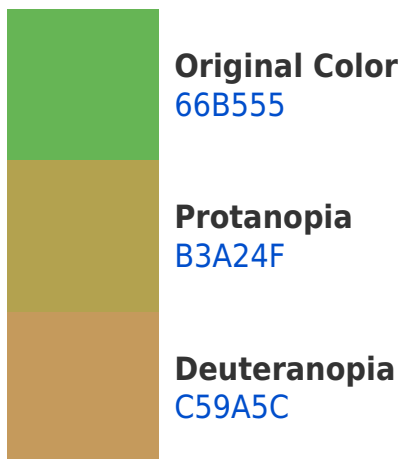


This preview shows how white text looks on a background with the Hex color 66B555.

# 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](#).

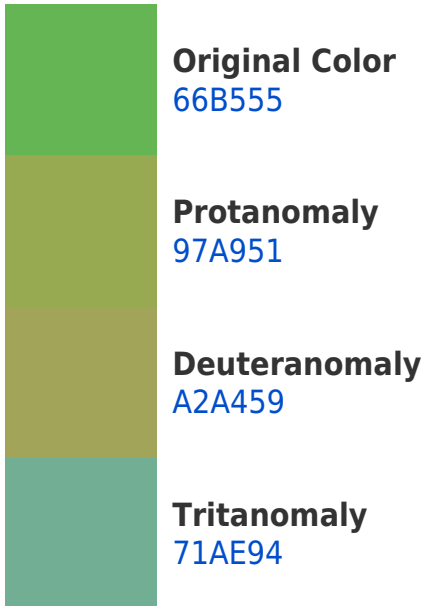
## Dichromacy





**Tritanopia**  
78AAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66B555 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 #66B555 looks like.

```
.text, #text, p{  
    color:#66B555  
}
```

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 #66B555 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66B555
}
```

## Border

The CSS property to change the border of an element to Hex 66B555 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
#66B555 }
```

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

```
.border{ border-color:#66B555 }
```

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

Here you see how a box with a 4 pixel #66B555 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66B555; -webkit-box-shadow:4px 4px  
4px 4px #66B555; box-shadow:4px 4px 4px  
4px #66B555 }
```

# Background

The CSS property to change the background color of an element to Hex 66B555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66B555 }
```

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

```
.background{ background-color:#66B555 }
```

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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