

Converting Colors

Hex(66B75F)

Have a look what the booklet for
Hex(66B75F) contains.

Hex(66B75F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(66B75F)

Conversions

Conversions Part 1

Format	Color
Hex	66B75F
RGB	102, 183, 95
RGB Percent	40%, 72%, 37%
CMY	0.6000, 0.2824, 0.6275
CMYK	0.44, 0.00, 0.48, 0.28
HSL	115°, 38%, 55%
HSV	115°, 48%, 72%
XYZ	24.4785, 37.5180, 16.7780
YIQ	148.7490, -20.0280, -44.5400

Conversions

Conversions Part 2

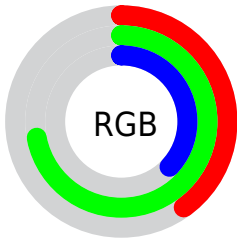
Format	Color
RYB	95, 183, 176
Decimal	6731615
CIELab	67.66, -42.50, 37.02
CIELCh	68, 56.368, 138.941
Yxy	37.5180, 0.3107, 0.4763
Android (android.graphics.Color)	4284921695 (0xFF66B75F)
YUV	148.7490, -26.4983, -40.9989
Hunter-Lab	61.2519, -35.8557, 26.6357

Details

The Hex color **66B75F** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B05FB7**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **9DF093**, and **2E812E** is the 20% darker color. If you saturate the color by 10%, you get **55B74D**, and if you desaturate by 10%, it is **77B771**.

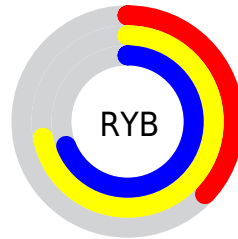
Distribution



Red (40%)

Green (72%)

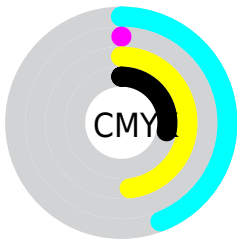
Blue (37%)



Red (37%)

Yellow (72%)

Blue (69%)

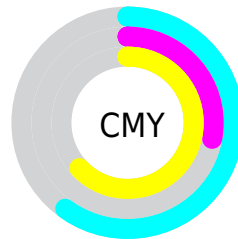


Cyan (44%)

Magenta (0%)

Yellow (48%)

Black (28%)



Cyan (60%)

Magenta (28%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66B75F 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 66B75F by changing the saturation by 10% instead.



66B75F



66B75F

FFFFFF



4B9C46



9DF093



2E812E



BAFFAE



076815



D6FFCA



004F00



F4FFE6



003700



002200



000000



66B75F



66B75F




55B74D



77B771

 44B73A

 88B784

 33B728

 99B796

 23B716

 A9B7A8

 12B704

 BAB7BB

 0FB700

 CBB7CD

 DCB7DF

 EDB7F1

 FEB7FF

Harmonies

Analogous

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



A2AC3E



66B75F



00BD90

Triad

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



66B75F



00B0FF



FF7987

Complementary

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



66B75F



B05FB7

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.



F97ABA



66B75F



879FFF

Square

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



66B75F



00BAF0



D08AE8



F4885A

Rectangle

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



66B75F



00BEB3



D08AE8



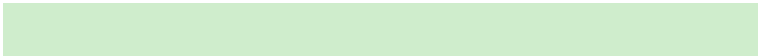
FF7898

Sweetspot

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



66B75F



CFEDCC



B7B05F



657863



F7F7F7



787878

Same Dimension

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



66B75F



6FED64



5FB784



535C53



0C9C00



021C00

Inverse Universe

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



B05FB7



E264ED



B75F92



5B535C



8F009C



1A001C

Previews

White Background



This preview shows how the Hex color 66B75F looks on a white background.

Color Contrast Check

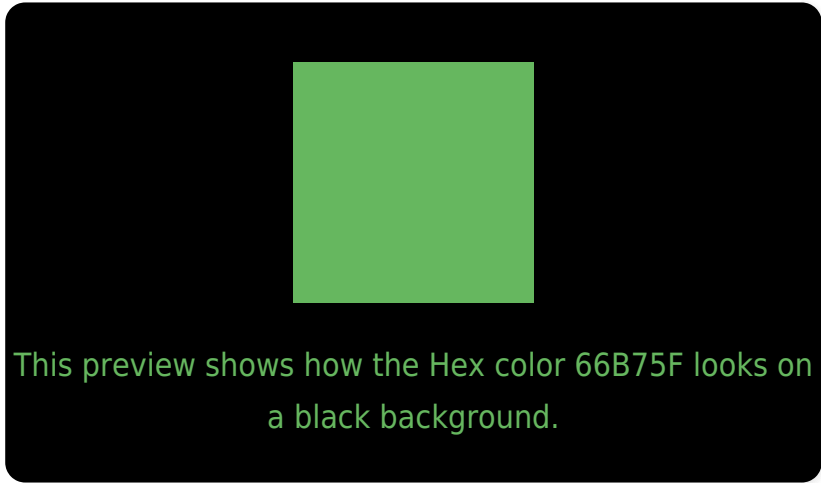
Large Text (above 18pt) WCAG AA × Fail

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 66B75F Background



This preview shows how black text looks on a background with the Hex color 66B75F.



This preview shows how white text looks on a background with the Hex color 66B75F.

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](#).

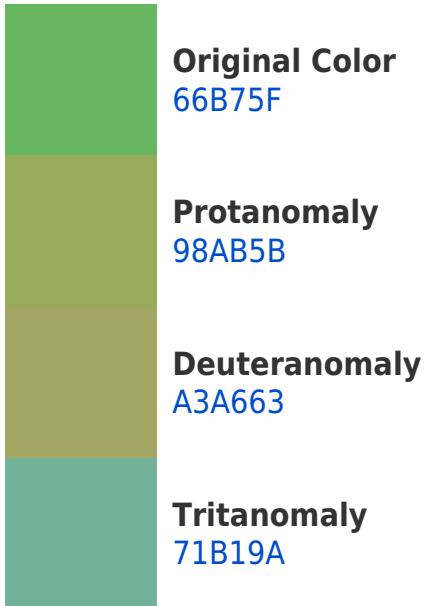
Dichromacy



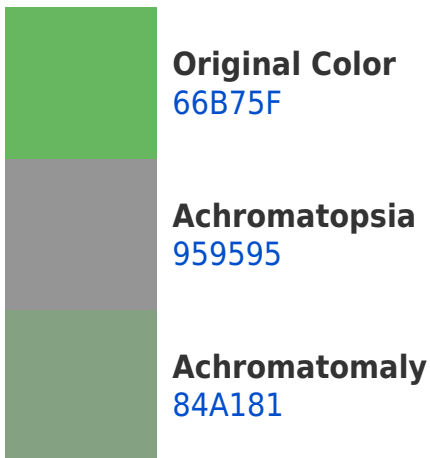


Tritanopia
78ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66B75F 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 #66B75F looks like.

```
.text, #text, p{  
    color:#66B75F  
}
```

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 #66B75F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66B75F
}
```

Border

The CSS property to change the border of an element to Hex 66B75F 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
#66B75F }
```

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

```
.border{ border-color:#66B75F }
```

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

Here you see how a box with a 4 pixel #66B75F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66B75F; -webkit-box-shadow:4px 4px  
4px 4px #66B75F; box-shadow:4px 4px 4px  
4px #66B75F }
```

Background

The CSS property to change the background color of an element to Hex 66B75F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66B75F }
```

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

```
.background{ background-color:#66B75F }
```

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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