

Converting Colors

Hex(75BF67)

Have a look what the booklet for
Hex(75BF67) contains.

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Color

Hex(75BF67)

Conversions

Conversions Part 1

Format	Color
Hex	75BF67
RGB	117, 191, 103
RGB Percent	46%, 75%, 40%
CMY	0.5412, 0.2510, 0.5961
CMYK	0.39, 0.00, 0.46, 0.25
HSL	110°, 41%, 58%
HSV	110°, 46%, 75%
XYZ	28.4151, 42.0228, 19.4455
YIQ	158.8420, -15.8560, -43.0560

Conversions

Conversions Part 2

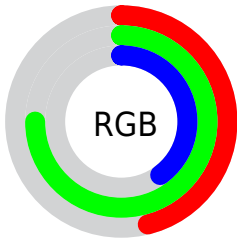
Format	Color
RYB	103, 191, 177
Decimal	7716711
CIELab	70.89, -40.18, 37.18
CIElCh	71, 54.742, 137.226
Yxy	42.0228, 0.3161, 0.4675
Android (android.graphics.Color)	4285906791 (0xFF75BF67)
YUV	158.8420, -27.5301, -36.6954
Hunter-Lab	64.8250, -35.2008, 27.5923

Details

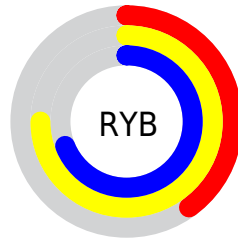
The Hex color **75BF67** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B167BF**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **ACF89B**, and **3F8935** is the 20% darker color. If you saturate the color by 10%, you get **65BF54**, and if you desaturate by 10%, it is **85BF7A**.

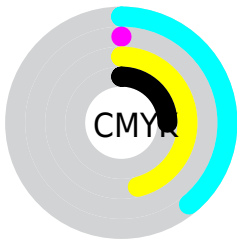
Distribution



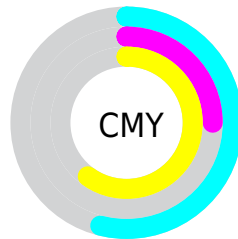
- Red (46%)
- Green (75%)
- Blue (40%)



- Red (40%)
- Yellow (75%)
- Blue (69%)



- Cyan (39%)
- Magenta (0%)
- Yellow (46%)
- Black (25%)



- Cyan (54%)
- Magenta (25%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75BF67 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 75BF67 by changing the saturation by 10% instead.

 75BF67

 75BF67

FFFFFF

 5AA44E

 ACF89B

 3F8935

 C9FFB7


 226F1D

 E6FFD3

 005601

 FFFFEF

 003E00

 002900

 000600

 000000

 75BF67

 75BF67

 65BF54

 85BF7A

 55BF41

 95BF8D

 45BF2E

 A5BFA0

 35BF1B

 B5BFB3

 25BF07

 C5BFC7

 1EBF00

 D5BFDA

 E5BFED

 F5BFFF

 FFBFFF

Harmonies

Analogous

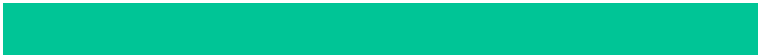
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AEB449



75BF67



00C596

Triad

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



75BF67



00B9FF



FF8493

Complementary

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



75BF67



B167BF

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.



FF85C5



75BF67



8CA9FF

Square

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



75BF67



00C3F5



D595F2



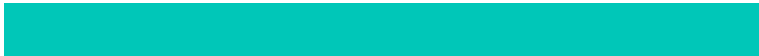
FD9166

Rectangle

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



75BF67



00C7B8



D595F2



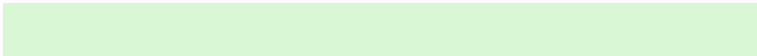
FF82A3

Sweetspot

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



75BF67



DAF7D5



BFB067



6B7D68



FCFCFC



7D7D7D

Same Dimension

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



75BF67



85F76F



67BF84



565E55



199E00



051F00

Inverse Universe

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



B167BF



E26FF7



BF67A2



5D555E



85009E



1A001F

Previews

White Background



This preview shows how the Hex color 75BF67 looks on a white background.

Color Contrast Check

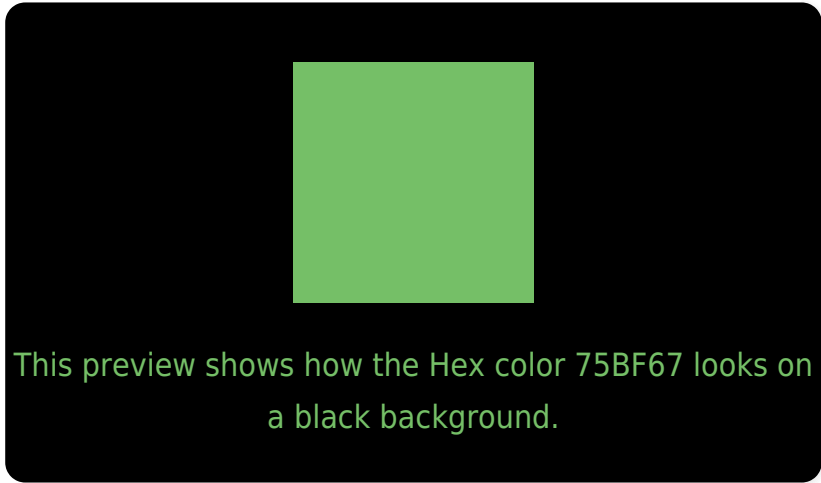
Large Text (above 18pt) WCAG AA × Fail

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

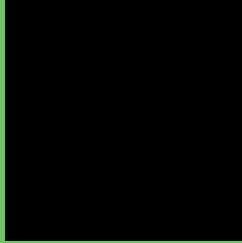
Any Text WCAG AA ✓ Pass

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 75BF67 Background



This preview shows how black text looks on a background with the Hex color 75BF67.

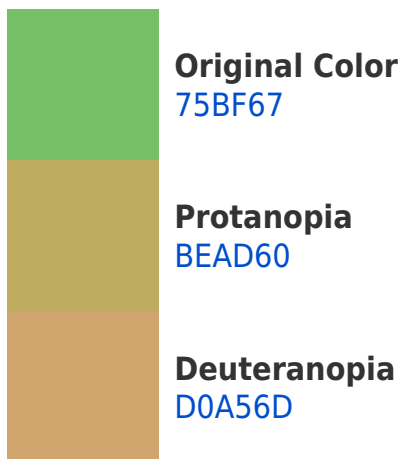


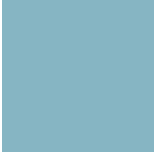
This preview shows how white text looks on a background with the Hex color 75BF67.

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](#).

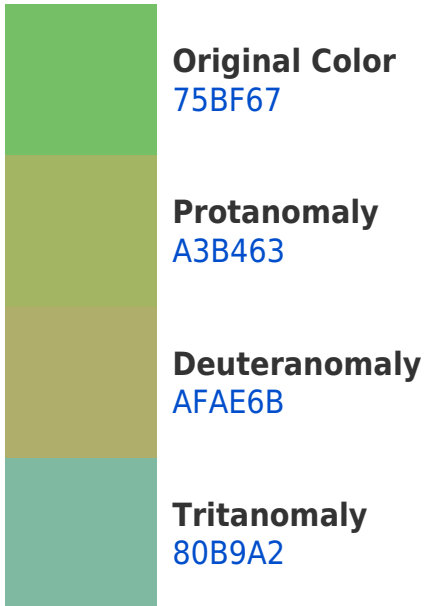
Dichromacy



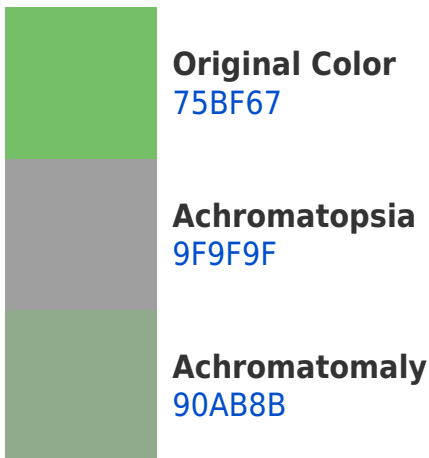


Tritanopia
86B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75BF67 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 #75BF67 looks like.

```
.text, #text, p{  
    color:#75BF67  
}
```

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 #75BF67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75BF67
}
```

Border

The CSS property to change the border of an element to Hex 75BF67 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
#75BF67 }
```

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

```
.border{ border-color:#75BF67 }
```

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

Here you see how a box with a 4 pixel #75BF67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75BF67; -webkit-box-shadow:4px 4px  
4px 4px #75BF67; box-shadow:4px 4px 4px  
4px #75BF67 }
```

Background

The CSS property to change the background color of an element to Hex 75BF67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75BF67 }
```

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

```
.background{ background-color:#75BF67 }
```

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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