

Converting Colors

Hex(75B056)

Have a look what the booklet for
Hex(75B056) contains.

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Color

Hex(75B056)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 75B056 |
| RGB | 117, 176, 86 |
| RGB Percent | 46%, 69%, 34% |
| CMY | 0.5412, 0.3098, 0.6627 |
| CMYK | 0.34, 0.00, 0.51, 0.31 |
| HSL | 99°, 36%, 51% |
| HSV | 99°, 51%, 69% |
| XYZ | 24.5412, 35.5045, 14.3637 |
| YIQ | 148.0990, -6.2740, -40.4980 |

Conversions

Conversions Part 2

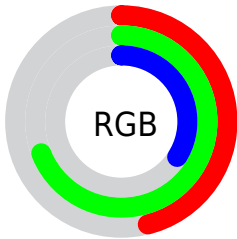
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 86, 176, 145 |
| Decimal | 7712854 |
| CIELab | 66.14, -35.66, 39.81 |
| CIELCh | 66, 53.446, 131.856 |
| Yxy | 35.5045, 0.3298, 0.4772 |
| Android (android.graphics.Color) | 4285902934 (0xFF75B056) |
| YUV | 148.0990, -30.6148, -27.2738 |
| Hunter-Lab | 59.5856, -30.7571, 27.4175 |

Details

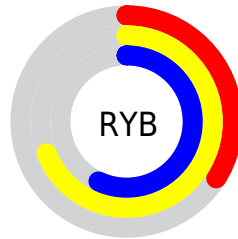
The Hex color **75B056** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9156B0**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **ACE88A**, and **407B24** is the 20% darker color. If you saturate the color by 10%, you get **69B044**, and if you desaturate by 10%, it is **81B068**.

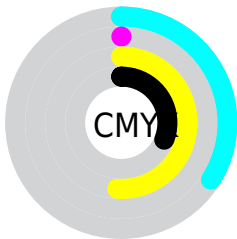
Distribution



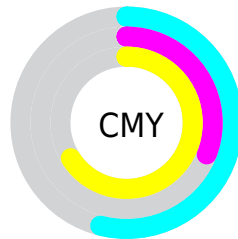
- Red (46%)
- Green (69%)
- Blue (34%)



- Red (34%)
- Yellow (69%)
- Blue (57%)



- Cyan (34%)
- Magenta (0%)
- Yellow (51%)
- Black (31%)



- Cyan (54%)
- Magenta (31%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75B056 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 75B056 by changing the saturation by 10% instead.

 75B056

 75B056

FFFFFF

 5A953D

 ACE88A

 407B24

 C8FFA5

 256208

 E5FFC0

 044900

 FFFFDC

 003200

 FFFFF9


 001E00

 000000

 75B056

 75B056

 69B044

 81B068

 5EB033

 8CB079

 52B021

 98B08B

 47B010

 A3B09C

 3DB000

 AFB0AE

 BAB0C0

 C6B0D1

 D1B0E3

 DDB0F4

Harmonies

Analogous

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



AAA43D



75B056



18B781

Triad

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



75B056



00AEFB



FA778F

Complementary

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



75B056



9156B0

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.



EA7BC0



75B056



6F9FFF

Square

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



75B056



00B6E0



BD8CE9



F18263

Rectangle

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



75B056



00B9A2



BD8CE9



F877A0

Sweetspot

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



75B056



CFE6C3



B09156



65735E



F2F2F2



737373

Same Dimension

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



75B056



8AE65A



56B063



535950



359900



091A00

Inverse Universe

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



9156B0



B55AE6



B056A3



565059



640099



11001A

Previews

White Background



This preview shows how the Hex color 75B056 looks on a white background.

Color Contrast Check

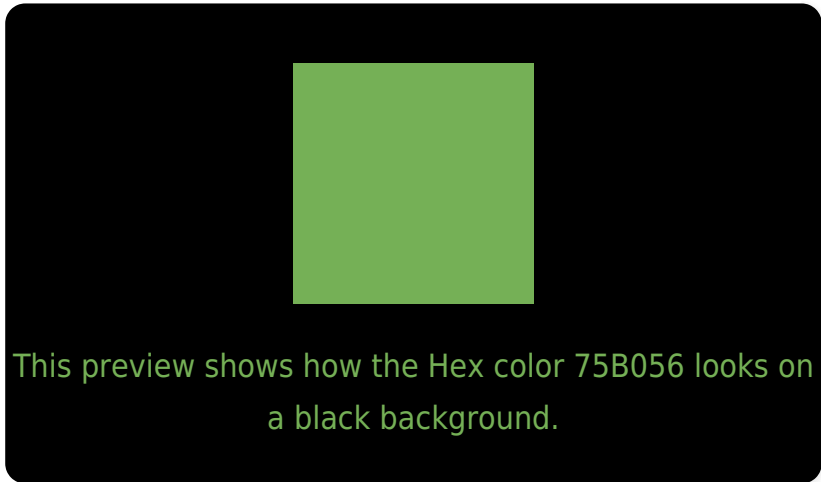
Large Text (above 18pt) WCAG AA × Fail

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 75B056 Background



This preview shows how black text looks on a background with the Hex color 75B056.

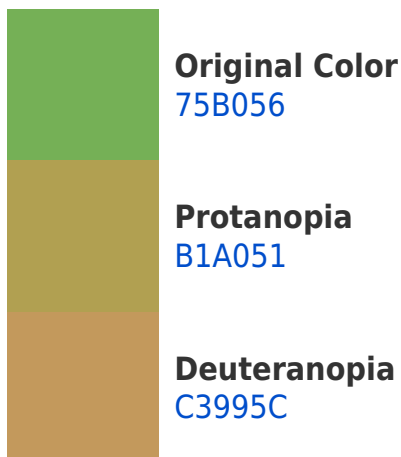


This preview shows how white text looks on a background with the Hex color 75B056.

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](#).

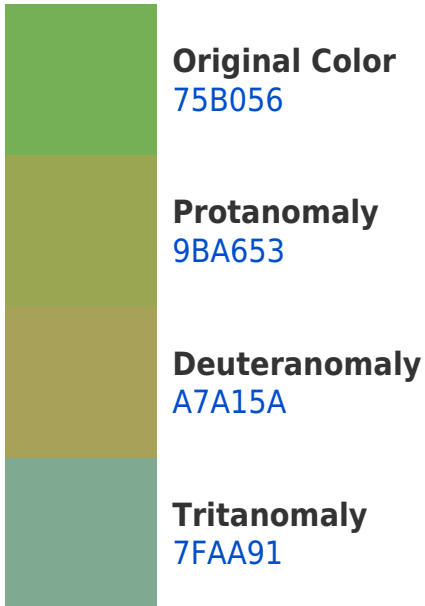
Dichromacy





Tritanopia
84A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75B056 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 #75B056 looks like.

```
.text, #text, p{  
    color:#75B056  
}
```

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 #75B056 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B056
}
```

Border

The CSS property to change the border of an element to Hex 75B056 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
#75B056 }
```

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

```
.border{ border-color:#75B056 }
```

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

Here you see how a box with a 4 pixel #75B056 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B056; -webkit-box-shadow:4px 4px  
4px 4px #75B056; box-shadow:4px 4px 4px  
4px #75B056 }
```

Background

The CSS property to change the background color of an element to Hex 75B056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B056 }
```

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

```
.background{ background-color:#75B056 }
```

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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