

Converting Colors

Hex(75B477)

Have a look what the booklet for
Hex(75B477) contains.

Hex(75B477)	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(75B477)

Conversions

Conversions Part 1

Format	Color
Hex	75B477
RGB	117, 180, 119
RGB Percent	46%, 71%, 47%
CMY	0.5412, 0.2941, 0.5333
CMYK	0.35, 0.00, 0.34, 0.29
HSL	122°, 30%, 58%
HSV	122°, 35%, 71%
XYZ	26.9872, 37.7563, 23.3181
YIQ	154.2090, -17.9670, -32.3270

Conversions

Conversions Part 2

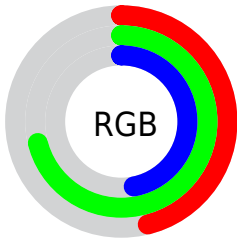
Format	Color
RYB	117, 178, 180
Decimal	7713911
CIELab	67.84, -32.75, 24.90
CIELCh	68, 41.138, 142.760
Yxy	37.7563, 0.3065, 0.4287
Android (android.graphics.Color)	4285903991 (0xFF75B477)
YUV	154.2090, -17.3580, -32.6323
Hunter-Lab	61.4462, -29.1337, 20.5125

Details

The Hex color **75B477** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **B475B2**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **ABECAC**, and **417F46** is the 20% darker color. If you saturate the color by 10%, you get **63B466**, and if you desaturate by 10%, it is **87B488**.

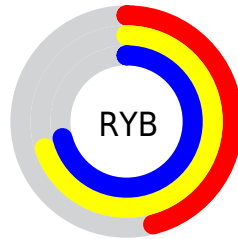
Distribution



Red (46%)

Green (71%)

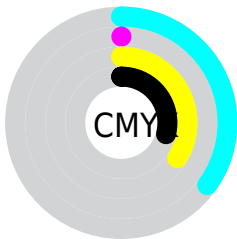
Blue (47%)



Red (46%)

Yellow (70%)

Blue (71%)

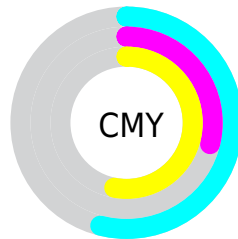


Cyan (35%)

Magenta (0%)

Yellow (34%)

Black (29%)



Cyan (54%)

Magenta (29%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75B477 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 75B477 by changing the saturation by 10% instead.



75B477



75B477

FFFFFF



5B995E



ABECAC



417F46



C7FFC7



27652F



E4FFE3



074D18



003500



002200



000000



75B477



75B477



63B466



87B488

 51B454

 99B49A

 3FB443

 ABB4AB

 2DB431

 BDB4BD

 1BB420

 CFB4CE

 09B40E

 E1B4E0

 00B406

 F3B4F1

 FFB4FF

Harmonies

Analogous

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



A0AC5F



75B477



3EB89B

Triad

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



75B477



59ACEE



ED898B

Complementary

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



75B477



B475B2

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.



E688B0



75B477



9C9FEA

Square

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



75B477



00B4DF



CB91D3



E0936B

Rectangle

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



75B477



00B9B4



CB91D3



ED8897

Sweetspot

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



75B477



D1EBD2



B3B475



667567



F5F5F5



757575

Same Dimension

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



75B477



88EB8B



75B496



505951



009905



001A01

Inverse Universe

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



B475B2



EB88E7



B47593



595059



990094



1A0019

Previews

White Background



This preview shows how the Hex color 75B477 looks on a white background.

Color Contrast Check

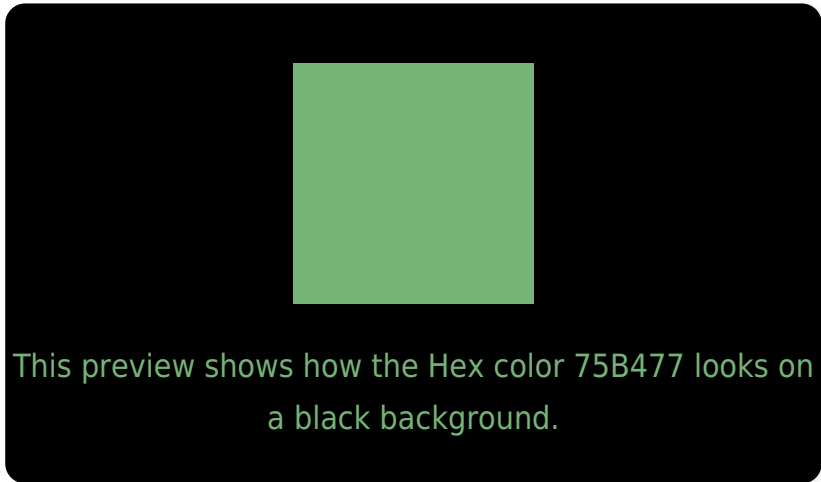
Large Text (above 18pt) WCAG AA × Fail

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

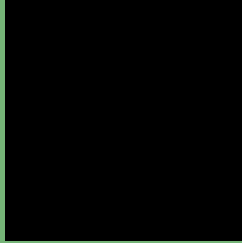
Any Text WCAG AA ✓ Pass

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 75B477 Background



This preview shows how black text looks on a background with the Hex color 75B477.

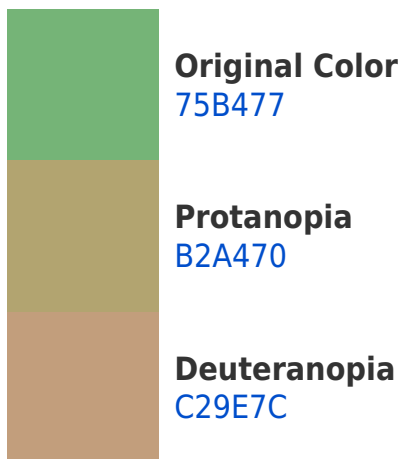


This preview shows how white text looks on a background with the Hex color 75B477.

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](#).

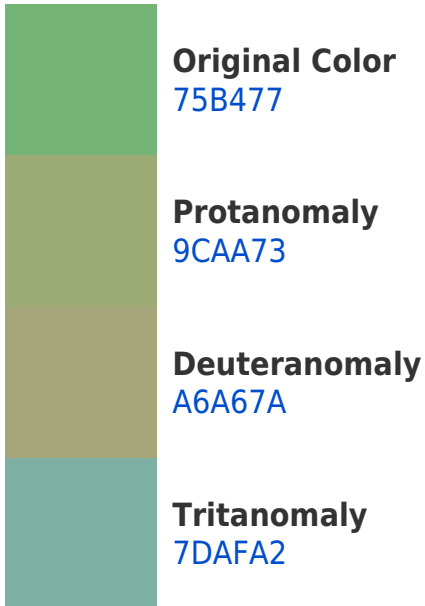
Dichromacy



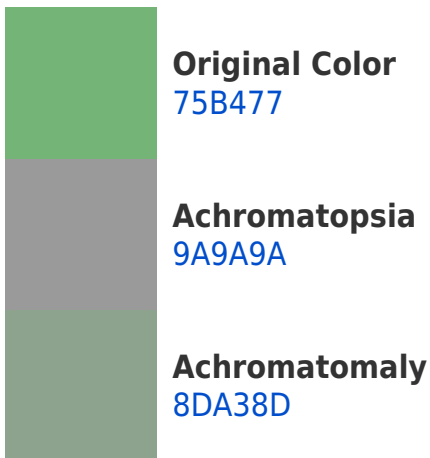


Tritanopia
82ACBA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75B477 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 #75B477 looks like.

```
.text, #text, p{  
    color:#75B477  
}
```

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 #75B477 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B477
}
```

Border

The CSS property to change the border of an element to Hex 75B477 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
#75B477 }
```

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

```
.border{ border-color:#75B477 }
```

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

Here you see how a box with a 4 pixel #75B477 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B477; -webkit-box-shadow:4px 4px  
4px 4px #75B477; box-shadow:4px 4px 4px  
4px #75B477 }
```

Background

The CSS property to change the background color of an element to Hex 75B477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B477 }
```

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

```
.background{ background-color:#75B477 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor