

Converting Colors

Hex(71B677)

Have a look what the booklet for
Hex(71B677) contains.

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Color

Hex(71B677)

Conversions

Conversions Part 1

Format	Color
Hex	71B677
RGB	113, 182, 119
RGB Percent	44%, 71%, 47%
CMY	0.5569, 0.2863, 0.5333
CMYK	0.38, 0.00, 0.35, 0.29
HSL	125°, 32%, 58%
HSV	125°, 38%, 71%
XYZ	26.8678, 38.2985, 23.4290
YIQ	154.1870, -20.9010, -34.2210

Conversions

Conversions Part 2

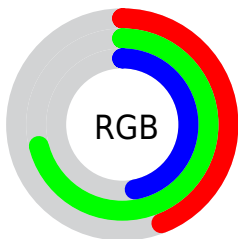
Format	Color
RYB	113, 176, 182
Decimal	7452279
CIELab	68.24, -34.96, 25.39
CIELCh	68, 43.207, 144.004
Yxy	38.2985, 0.3033, 0.4323
Android (android.graphics.Color)	4285642359 (0xFF71B677)
YUV	154.1870, -17.3472, -36.1210
Hunter-Lab	61.8858, -30.8042, 20.8738

Details

The Hex color **71B677** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **B671B0**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A7EEAC**, and **3C8146** is the 20% darker color. If you saturate the color by 10%, you get **5FB666**, and if you desaturate by 10%, it is **83B688**.

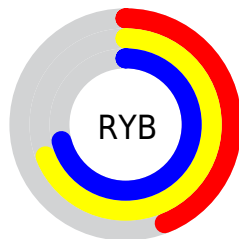
Distribution



Red (44%)

Green (71%)

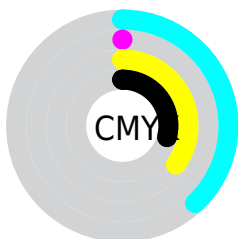
Blue (47%)



Red (44%)

Yellow (69%)

Blue (71%)

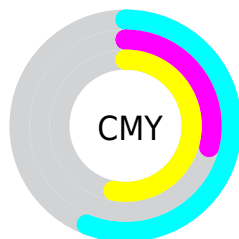


Cyan (38%)

Magenta (0%)

Yellow (35%)

Black (29%)



Cyan (56%)

Magenta (29%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71B677 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 71B677 by changing the saturation by 10% instead.

 71B677

 71B677

FFFFFF

 579B5E

 A7EEAC

 3C8146

 C3FFC7

 21672F

 E0FFE3


 004E18


FDFFFF

 003700

 002300

 000000

 71B677

 71B677

 5FB666

 83B688

 4DB656

 95B698

 3AB645

 A8B6A9

 28B635

 BAB6B9

 16B624

 CCB6CA

 04B613

 DEB6DB

 00B610

 F0B6EB

 FFB6FC

 FFB6FF

Harmonies

Analogous

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



9FAE5D



71B677



31BA9D

Triad

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



71B677



57ADF4



F18989

Complementary

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



71B677



B671B0

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.



EB87B0



71B677



9E9FEE

Square

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



71B677



00B6E5



D091D5



E39468

Rectangle

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



71B677



00BBB8



D091D5



F18795

Sweetspot

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



71B677



D3EDD5



B0B671



68786A



F7F7F7



787878

Same Dimension

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



71B677



82ED8C



71B699



535C53



009C0E



001C02

Inverse Universe

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



B671B0



ED82E4



B6718E



5C535B



9C008E



1C001A

Previews

White Background



This preview shows how the Hex color 71B677 looks on a white background.

Color Contrast Check

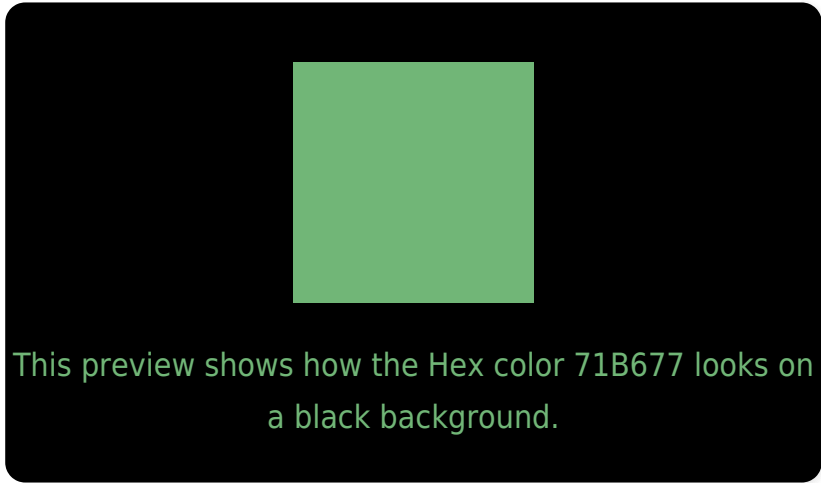
Large Text (above 18pt) WCAG AA × Fail

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

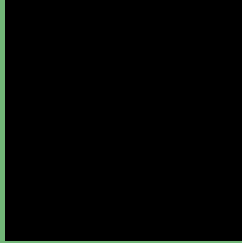
Any Text WCAG AA ✓ Pass

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 71B677 Background



This preview shows how black text looks on a background with the Hex color 71B677.

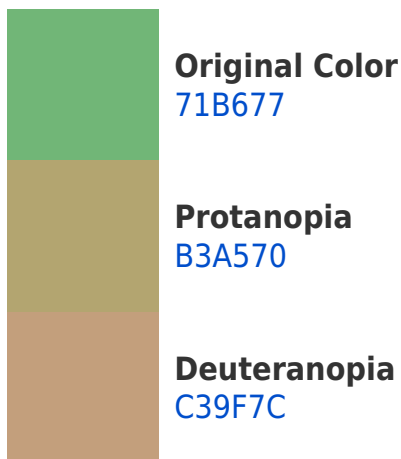


This preview shows how white text looks on a background with the Hex color 71B677.

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](#).

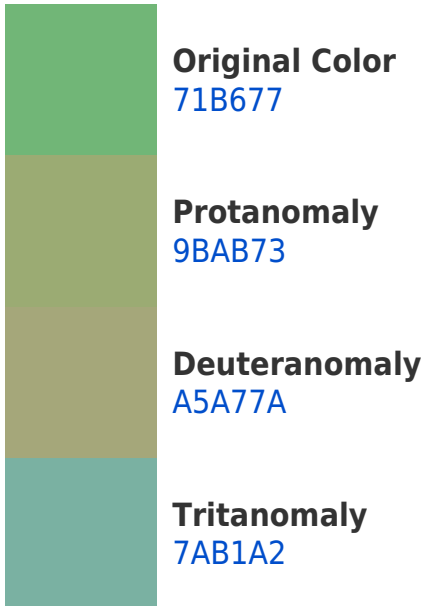
Dichromacy



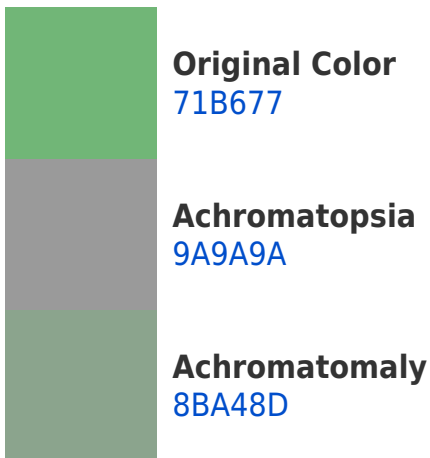


Tritanopia
7FAEBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71B677 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 #71B677 looks like.

```
.text, #text, p{  
    color:#71B677  
}
```

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 #71B677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71B677
}
```

Border

The CSS property to change the border of an element to Hex 71B677 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
#71B677 }
```

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

```
.border{ border-color:#71B677 }
```

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

Here you see how a box with a 4 pixel #71B677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71B677; -webkit-box-shadow:4px 4px  
4px 4px #71B677; box-shadow:4px 4px 4px  
4px #71B677 }
```

Background

The CSS property to change the background color of an element to Hex 71B677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71B677 }
```

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

```
.background{ background-color:#71B677 }
```

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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