

Converting Colors

Hex(70B775)

Have a look what the booklet for
Hex(70B775) contains.

Hex(70B775)	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(70B775)

Conversions

Conversions Part 1

Format	Color
Hex	70B775
RGB	112, 183, 117
RGB Percent	44%, 72%, 46%
CMY	0.5608, 0.2824, 0.5412
CMYK	0.39, 0.00, 0.36, 0.28
HSL	124°, 33%, 58%
HSV	124°, 39%, 72%
XYZ	26.8265, 38.5961, 22.8655
YIQ	154.2470, -21.1300, -35.5780

Conversions

Conversions Part 2

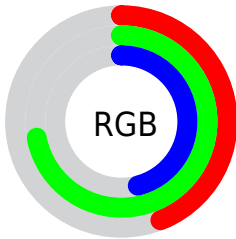
Format	Color
RYB	112, 178, 183
Decimal	7386997
CIELab	68.46, -36.06, 26.74
CIELCh	68, 44.894, 143.446
Yxy	38.5961, 0.3039, 0.4372
Android (android.graphics.Color)	4285577077 (0xFF70B775)
YUV	154.2470, -18.3628, -37.0506
Hunter-Lab	62.1257, -31.6421, 21.6662

Details

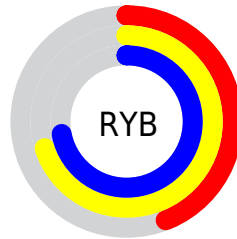
The Hex color **70B775** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B770B2**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A6EFAA**, and **3B8144** is the 20% darker color. If you saturate the color by 10%, you get **5EB764**, and if you desaturate by 10%, it is **82B786**.

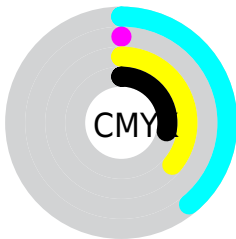
Distribution



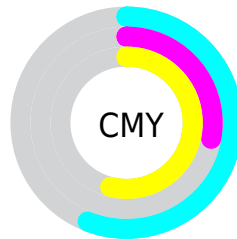
- Red (44%)
- Green (72%)
- Blue (46%)



- Red (44%)
- Yellow (70%)
- Blue (72%)



- Cyan (39%)
- Magenta (0%)
- Yellow (36%)
- Black (28%)



- Cyan (56%)
- Magenta (28%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70B775 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 70B775 by changing the saturation by 10% instead.

 70B775

 70B775

FFFFFF

 559C5C

 A6EFAA

 3B8144

 C3FFC5

 1F682D

 DFFFE1

 004F16

 FCFFFE

 003700

 002400

 000000

 70B775

 70B775

 5EB764

 82B786

 4BB753

 95B797

 39B742

 A7B7A8

 27B731

 B9B7B9

 15B720

 CCB7CA

 02B70F

 DEB7DB

 00B70D

 F0B7EC

 FFB7FD

 FFB7FF

Harmonies

Analogous

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



A0AE5A



70B775



29BB9C

Triad

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



70B775



4FAEF7



F48889

Complementary

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



70B775



B770B2

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.



EE87B2



70B775



9DA0F1

Square

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



70B775



00B7E7



D191D8



E69367

Rectangle

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



70B775



00BCB8



D191D8



F58696

Sweetspot

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



70B775



D1EDD3



B2B770



677868



F7F7F7



787878

Same Dimension

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



70B775



7EED86



70B798



535C53



009C0B



001C02

Inverse Universe

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



B770B2



ED7EE5



B7708F



5C535B



9C0091



1C001A

Previews

White Background



This preview shows how the Hex color 70B775 looks on a white background.

Color Contrast Check

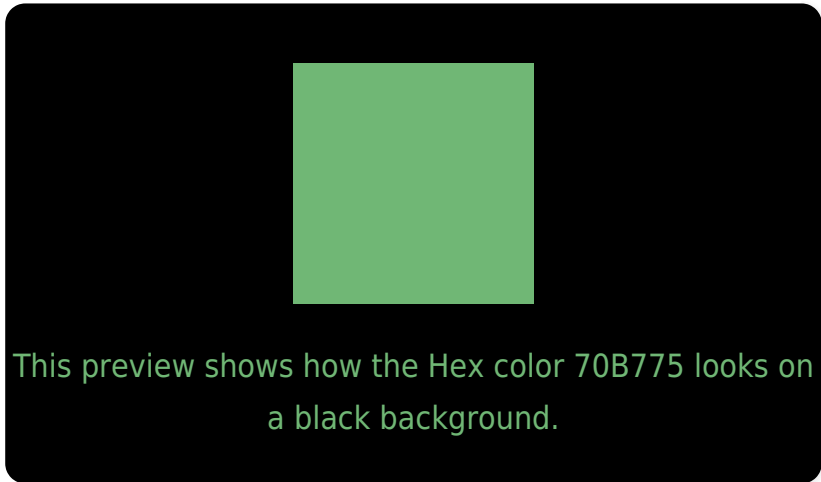
Large Text (above 18pt) WCAG AA × Fail

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 70B775 Background



This preview shows how black text looks on a background with the Hex color 70B775.

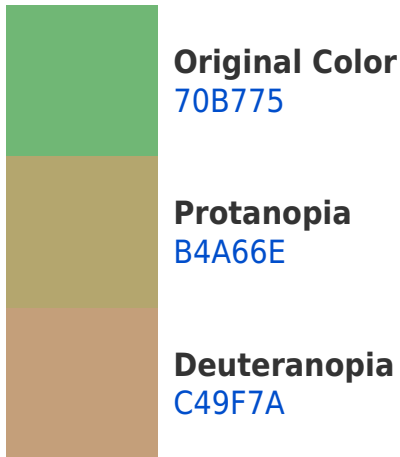


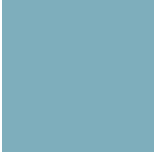
This preview shows how white text looks on a background with the Hex color 70B775.

Color Blindness Simulation

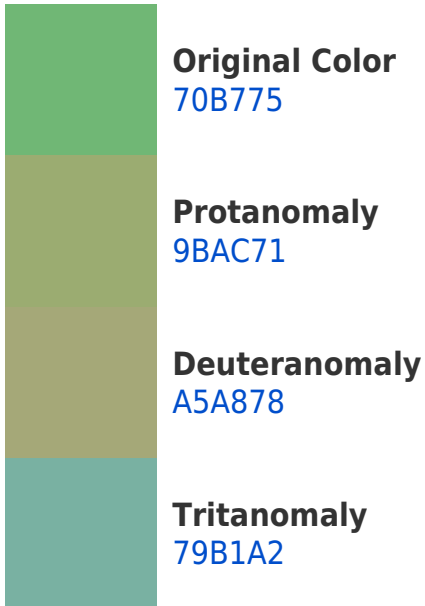
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

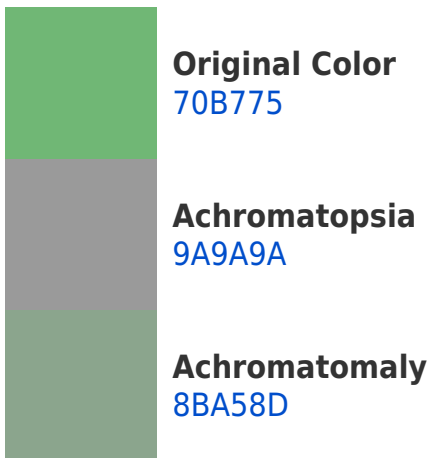




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70B775 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 #70B775 looks like.

```
.text, #text, p{  
    color:#70B775  
}
```

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 #70B775 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70B775
}
```

Border

The CSS property to change the border of an element to Hex 70B775 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
#70B775 }
```

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

```
.border{ border-color:#70B775 }
```

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

Here you see how a box with a 4 pixel #70B775 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70B775; -webkit-box-shadow:4px 4px  
4px 4px #70B775; box-shadow:4px 4px 4px  
4px #70B775 }
```

Background

The CSS property to change the background color of an element to Hex 70B775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70B775 }
```

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

```
.background{ background-color:#70B775 }
```

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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