

Converting Colors

Hex(70BE78)

Have a look what the booklet for
Hex(70BE78) contains.

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Color

Hex(70BE78)

Conversions

Conversions Part 1

Format	Color
Hex	70BE78
RGB	112, 190, 120
RGB Percent	44%, 75%, 47%
CMY	0.5608, 0.2549, 0.5294
CMYK	0.41, 0.00, 0.37, 0.25
HSL	126°, 38%, 59%
HSV	126°, 41%, 75%
XYZ	28.4857, 41.6277, 24.3029
YIQ	158.6980, -24.0180, -38.3060

Conversions

Conversions Part 2

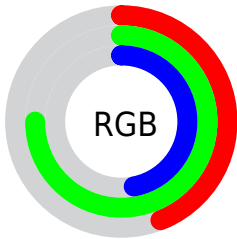
Format	Color
RYB	112, 183, 190
Decimal	7388792
CIELab	70.61, -38.73, 28.01
CIELCh	71, 47.799, 144.120
Yxy	41.6277, 0.3017, 0.4409
Android (android.graphics.Color)	4285578872 (0xFF70BE78)
YUV	158.6980, -19.0781, -40.9541
Hunter-Lab	64.5195, -34.1005, 22.8306

Details

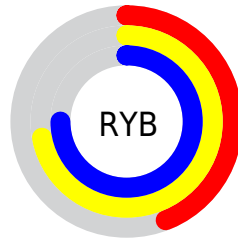
The Hex color **70BE78** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BE70B6**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **A7F7AD**, and **3A8846** is the 20% darker color. If you saturate the color by 10%, you get **5DBE67**, and if you desaturate by 10%, it is **83BE89**.

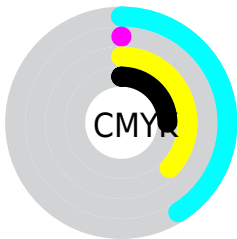
Distribution



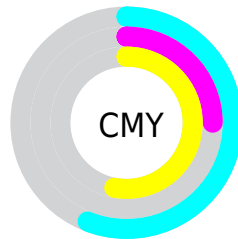
- Red (44%)
- Green (75%)
- Blue (47%)



- Red (44%)
- Yellow (72%)
- Blue (75%)



- Cyan (41%)
- Magenta (0%)
- Yellow (37%)
- Black (25%)



- Cyan (56%)
- Magenta (25%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70BE78 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 70BE78 by changing the saturation by 10% instead.



70BE78



70BE78

FFFFFF



55A35F



A7F7AD



3A8846



C3FFC8



1C6E2F



E0FFE5



005518

FDFFFF



003D00



002800



000400



000000



70BE78



70BE78

 5DBE67

 83BE89

 4ABE56

 96BE9A

 37BE45

 A9BEAB

 24BE34

 BCBEBC

 11BE23

 CFBECD

 00BE13

 E2BEDE

 F5BEEF

 FFBEFF

Harmonies

Analogous

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



A4B55B



70BE78



15C3A2

Triad

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



70BE78



4DB4FF



FF8B8C

Complementary

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



70BE78



BE70B6

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.



F98AB7



70BE78



A3A5FC

Square

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



70BE78



00BEF2



DB94E0



EF9868

Rectangle

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



70BE78



00C3C1



DB94E0



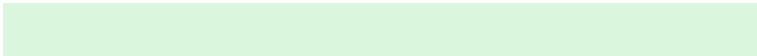
FF899A

Sweetspot

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



70BE78



DAF7DD



B6BE70



6B7D6D



FCFCFC



7D7D7D

Same Dimension

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



70BE78



7EF78B



70BE9F



555E56



009E10



001F03

Inverse Universe

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



BE70B6



F77EEB



BE708F



5E555D



9E008E



1F001B

Previews

White Background



This preview shows how the Hex color 70BE78 looks on a white background.

Color Contrast Check

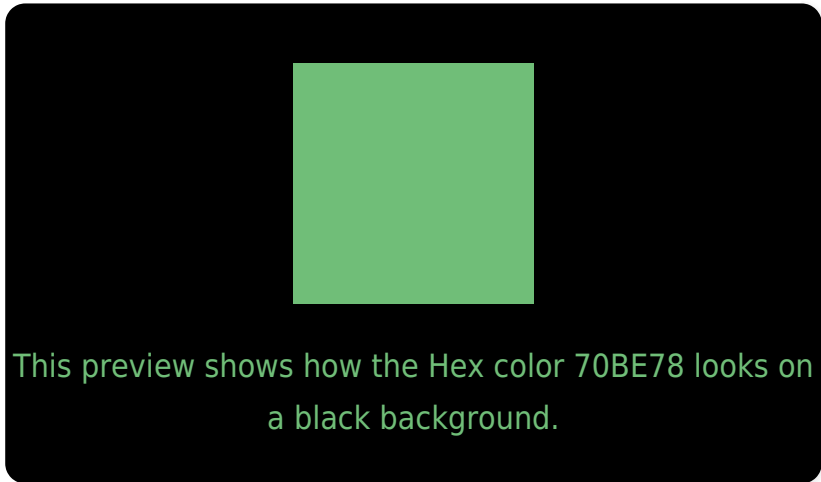
Large Text (above 18pt) WCAG AA × Fail

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

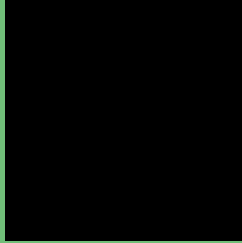
Any Text WCAG AA ✓ Pass

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 70BE78 Background



This preview shows how black text looks on a background with the Hex color 70BE78.

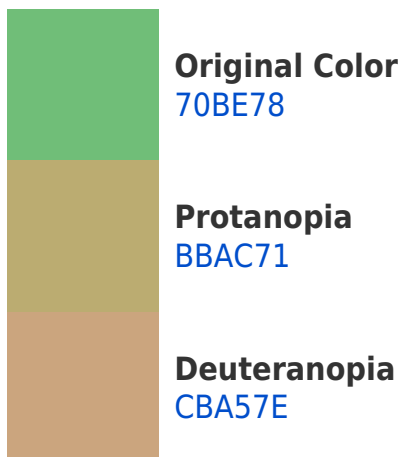


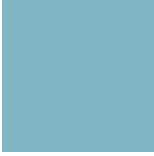
This preview shows how white text looks on a background with the Hex color 70BE78.

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](#).

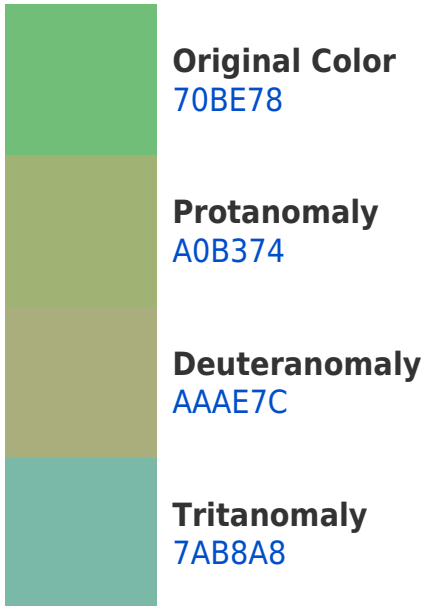
Dichromacy



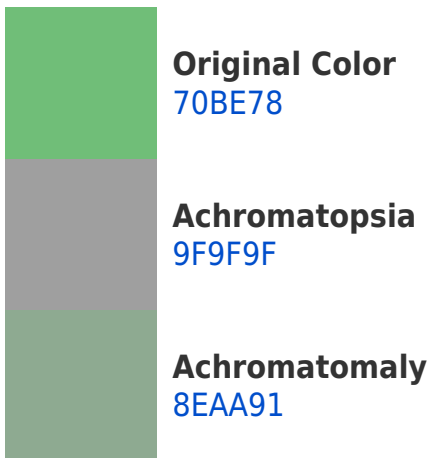


Tritanopia
80B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70BE78 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 #70BE78 looks like.

```
.text, #text, p{  
    color:#70BE78  
}
```

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 #70BE78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70BE78
}
```

Border

The CSS property to change the border of an element to Hex 70BE78 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
#70BE78 }
```

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

```
.border{ border-color:#70BE78 }
```

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

Here you see how a box with a 4 pixel #70BE78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70BE78; -webkit-box-shadow:4px 4px  
4px 4px #70BE78; box-shadow:4px 4px 4px  
4px #70BE78 }
```

Background

The CSS property to change the background color of an element to Hex 70BE78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70BE78 }
```

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

```
.background{ background-color:#70BE78 }
```

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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