

Converting Colors

Hex(71B77A)

Have a look what the booklet for
Hex(71B77A) contains.

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Color

Hex(71B77A)

Conversions

Conversions Part 1

Format	Color
Hex	71B77A
RGB	113, 183, 122
RGB Percent	44%, 72%, 48%
CMY	0.5569, 0.2824, 0.5216
CMYK	0.38, 0.00, 0.33, 0.28
HSL	128°, 33%, 58%
HSV	128°, 38%, 72%
XYZ	27.2564, 38.7828, 24.4616
YIQ	155.1160, -22.1390, -33.8110

Conversions

Conversions Part 2

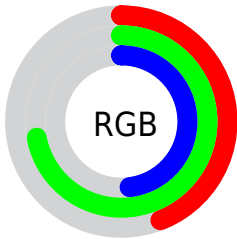
Format	Color
RYB	113, 175, 183
Decimal	7452538
CIELab	68.59, -34.91, 24.27
CIELCh	69, 42.514, 145.192
Yxy	38.7828, 0.3012, 0.4285
Android (android.graphics.Color)	4285642618 (0xFF71B77A)
YUV	155.1160, -16.3262, -36.9357
Hunter-Lab	62.2759, -30.8583, 20.3043

Details

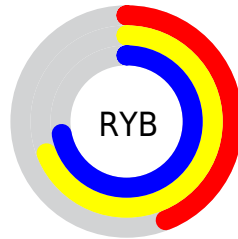
The Hex color **71B77A** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B771AE**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **A7EFAF**, and **3C8149** is the 20% darker color. If you saturate the color by 10%, you get **5FB76A**, and if you desaturate by 10%, it is **83B78A**.

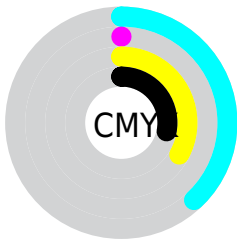
Distribution



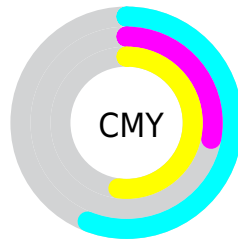
- Red (44%)
- Green (72%)
- Blue (48%)



- Red (44%)
- Yellow (69%)
- Blue (72%)



- Cyan (38%)
- Magenta (0%)
- Yellow (33%)
- Black (28%)




- Cyan (56%)
- Magenta (28%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71B77A 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 71B77A by changing the saturation by 10% instead.

 71B77A

 71B77A

FFFFFF

 579C61

 A7EFAF

 3C8149

 C3FFCA

 216831

 E0FFE7

 004F1B


FDFFFF

 003803

 002400

 000000

 71B77A

 71B77A

 5FB76A

 83B78A

 4CB75A

 96B79A

 3AB74A

 A8B7AA

 28B73A

 BAB7BA

 15B72A

 CDB7CA

 03B71A

 DFB7DA

 00B718

 F1B7EA

 FFB7FA

 FFB7FF

Harmonies

Analogous

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



9FAF60



71B77A



33BBA0

Triad

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



71B77A



5EADF3



F18B89

Complementary

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



71B77A



B771AE

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.



EC89AF



71B77A



A2A0ED

Square

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



71B77A



00B6E5



D292D4



E29569

Rectangle

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



71B77A



00BBBA



D292D4



F18995

Sweetspot

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



71B77A



D3EDD6



AFB771



68786A



F7F7F7



787878

Same Dimension

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



71B77A



80ED8E



71B79C



535C54



009C14



001C04

Inverse Universe

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



B771AE



ED80DF



B7718C



5C535B



9C0088



1C0018

Previews

White Background



This preview shows how the Hex color 71B77A looks on a white background.

Color Contrast Check

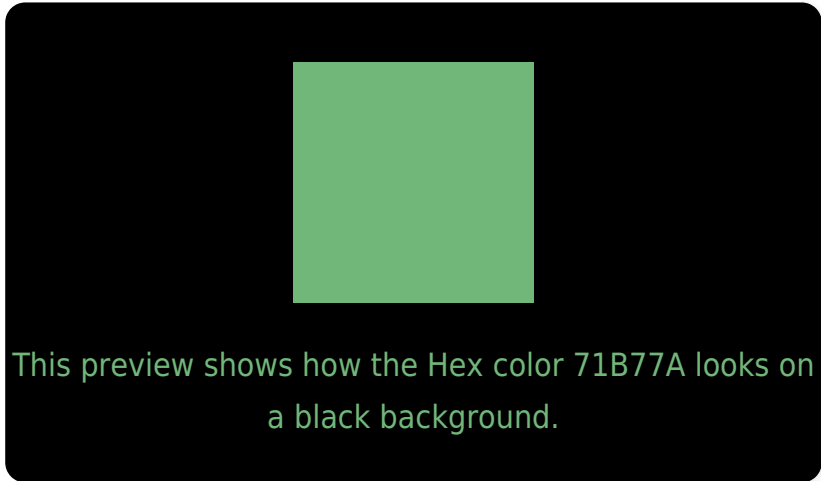
Large Text (above 18pt) WCAG AA × Fail

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

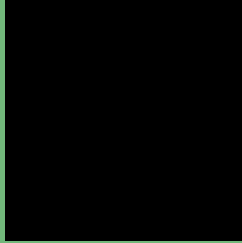
Any Text WCAG AA ✓ Pass

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 71B77A Background



This preview shows how black text looks on a background with the Hex color 71B77A.

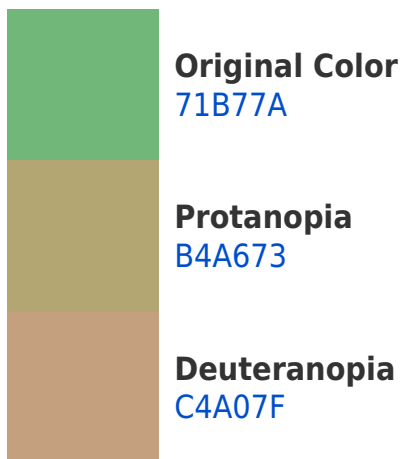


This preview shows how white text looks on a background with the Hex color 71B77A.

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



Original Color
71B77A



Protanomaly
9CAC76



Deuteranomaly
A6A87D



Tritanomaly
79B2A5

Monochromacy



Original Color
71B77A



Achromatopsia
9B9B9B



Achromatomaly
8CA58F

CSS Examples

Text

The CSS property to change the color of the text to Hex 71B77A 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 #71B77A looks like.

```
.text, #text, p{  
    color:#71B77A  
}
```

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 #71B77A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71B77A
}
```

Border

The CSS property to change the border of an element to Hex 71B77A 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
#71B77A }
```

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

```
.border{ border-color:#71B77A }
```

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

Here you see how a box with a 4 pixel #71B77A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71B77A; -webkit-box-shadow:4px 4px  
4px 4px #71B77A; box-shadow:4px 4px 4px  
4px #71B77A }
```

Background

The CSS property to change the background color of an element to Hex 71B77A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71B77A }
```

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

```
.background{ background-color:#71B77A }
```

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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