

Converting Colors

Hex(71BBA5)

Have a look what the booklet for
Hex(71BBA5) contains.

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Color

Hex(71BBA5)

Conversions

Conversions Part 1

Format	Color
Hex	71BBA5
RGB	113, 187, 165
RGB Percent	44%, 73%, 65%
CMY	0.5569, 0.2667, 0.3529
CMYK	0.40, 0.00, 0.12, 0.27
HSL	162°, 35%, 59%
HSV	162°, 40%, 73%
XYZ	31.3719, 41.7680, 42.0059
YIQ	162.3660, -37.0420, -22.5300

Conversions

Conversions Part 2

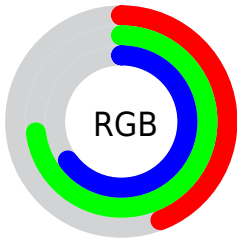
Format	Color
RYB	113, 156, 187
Decimal	7453605
CIELab	70.71, -28.21, 3.91
CIElCh	71, 28.477, 172.116
Yxy	41.7680, 0.2725, 0.3627
Android (android.graphics.Color)	4285643685 (0xFF71BBA5)
YUV	162.3660, 1.2986, -43.2940
Hunter-Lab	64.6281, -26.4515, 6.7034

Details

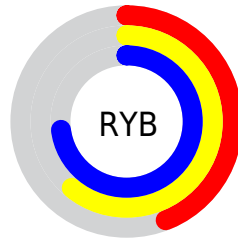
The Hex color **71BBA5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BB7187**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A8F3DC**, and **3B8571** is the 20% darker color. If you saturate the color by 10%, you get **5EBB9F**, and if you desaturate by 10%, it is **84BBAB**.

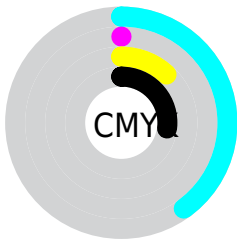
Distribution



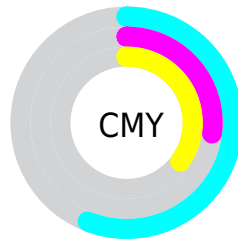
- Red (44%)
- Green (73%)
- Blue (65%)



- Red (44%)
- Yellow (61%)
- Blue (73%)



- Cyan (40%)
- Magenta (0%)
- Yellow (12%)
- Black (27%)




- Cyan (56%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71BBA5 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 71BBA5 by changing the saturation by 10% instead.

 71BBA5

 71BBA5

FFFFFF

 56A08B

 A8F3DC

 3B8571

 C4FFF8

 1F6C59

 E1FFFF

 005341

FEFFFF


 003B2B

 002617

 000500

 000000

 71BBA5

 71BBA5

 5EBB9F

 84BBAB

 4CBB9A

 96BBB0

 39BB94

 A9BBB6

 26BB8F

 BCBBBB

 14BB89

 CEBBC1

 01BB84

 E1BBC6

 00BB83

 F4BBCC

 FFBD1

 FFBD7

Harmonies

Analogous

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



8EB88C



71BBA5



5EBBC0

Triad

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



71BBA5



A8A9DD



D9A085

Complementary

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



71BBA5



BB7187

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.



E19B9B



71BBA5



C8A0CD

Square

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



71BBA5



82B2E0



DC9AB5



C6A97A

Rectangle

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



71BBA5



5EB9CF



DC9AB5



DD9E8B

Sweetspot

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



71BBA5



D5F2EA



87BB71



697A75



FAFAFA



7A7A7A

Same Dimension

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



71BBA5



80F2D0



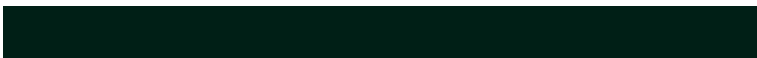
71ACBB



555E5C



009E6F



001F16

Inverse Universe

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



BB7187



F280A2



BB8071



5E5558



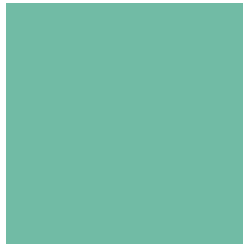
9E002F



1F0009

Previews

White Background



This preview shows how the Hex color 71BBA5 looks on a white background.

Color Contrast Check

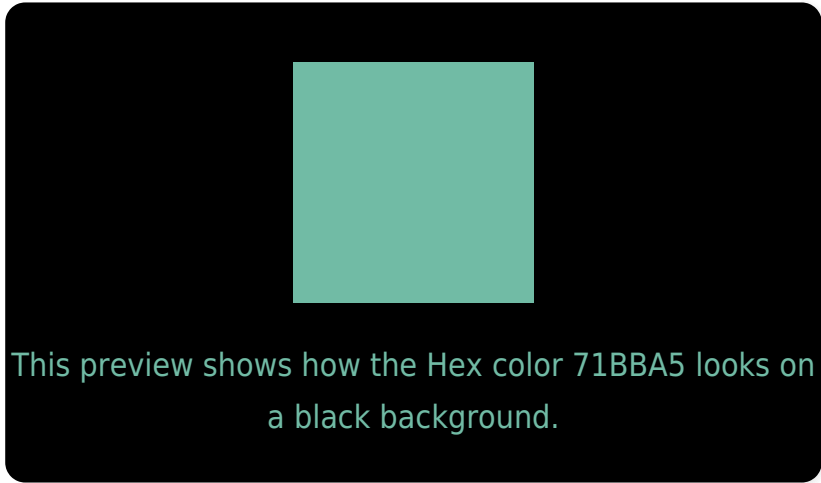
Large Text (above 18pt) WCAG AA × Fail

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 71BBA5 Background



This preview shows how black text looks on a background with the Hex color 71BBA5.

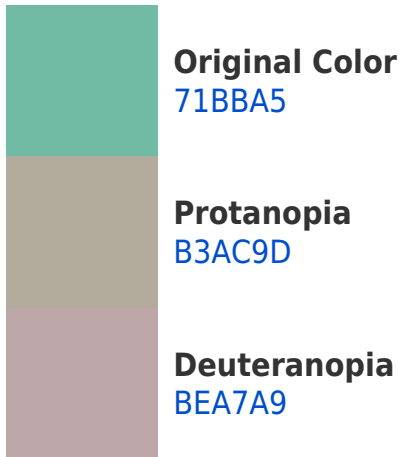


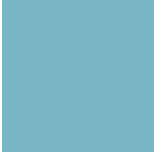
This preview shows how white text looks on a background with the Hex color 71BBA5.

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](#).

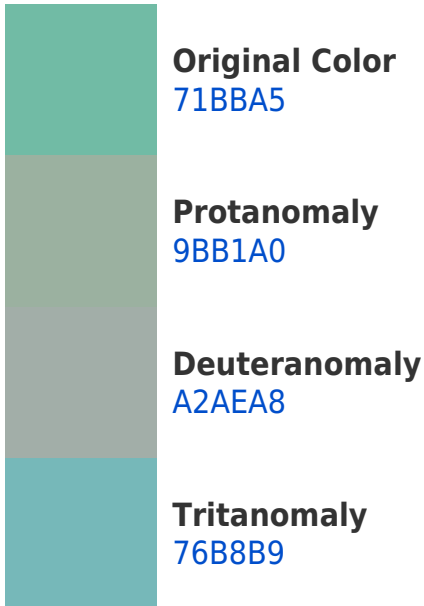
Dichromacy



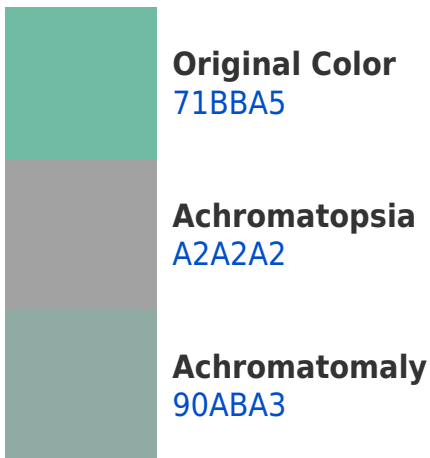


Tritanopia
79B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71BBA5 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 #71BBA5 looks like.

```
.text, #text, p{  
    color:#71BBA5  
}
```

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 #71BBA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71BBA5
}
```

Border

The CSS property to change the border of an element to Hex 71BBA5 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
#71BBA5 }
```

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

```
.border{ border-color:#71BBA5 }
```

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

Here you see how a box with a 4 pixel #71BBA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71BBA5; -webkit-box-shadow:4px 4px  
4px 4px #71BBA5; box-shadow:4px 4px 4px  
4px #71BBA5 }
```

Background

The CSS property to change the background color of an element to Hex 71BBA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71BBA5 }
```

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

```
.background{ background-color:#71BBA5 }
```

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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