

Converting Colors

Hex(70B6B4)

Have a look what the booklet for
Hex(70B6B4) contains.

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Color

Hex(70B6B4)

Conversions

Conversions Part 1

Format	Color
Hex	70B6B4
RGB	112, 182, 180
RGB Percent	44%, 71%, 71%
CMY	0.5608, 0.2863, 0.2941
CMYK	0.38, 0.00, 0.01, 0.29
HSL	178°, 32%, 58%
HSV	178°, 38%, 71%
XYZ	31.6483, 40.1959, 49.2706
YIQ	160.8420, -41.0780, -15.4620

Conversions

Conversions Part 2

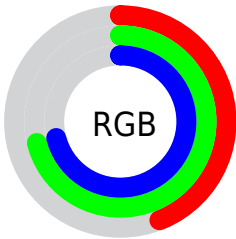
Format	Color
RYB	112, 148, 182
Decimal	7386804
CIELab	69.61, -22.45, -5.94
CIElCh	70, 23.221, 194.833
Yxy	40.1959, 0.2613, 0.3319
Android (android.graphics.Color)	4285576884 (0xFF70B6B4)
YUV	160.8420, 9.4449, -42.8344
Hunter-Lab	63.4003, -21.8465, -1.6962

Details

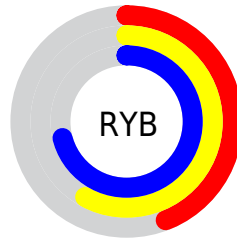
The Hex color **70B6B4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B67072**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **A7EEEC**, and **3A817F** is the 20% darker color. If you saturate the color by 10%, you get **5EB6B3**, and if you desaturate by 10%, it is **82B6B5**.

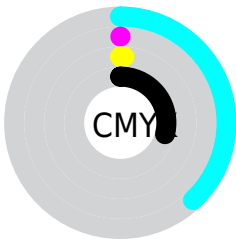
Distribution



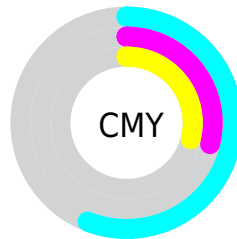
- Red (44%)
- Green (71%)
- Blue (71%)



- Red (44%)
- Yellow (58%)
- Blue (71%)



- Cyan (38%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)



- Cyan (56%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70B6B4 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 70B6B4 by changing the saturation by 10% instead.

 70B6B4

 70B6B4

FFFFFF

 559B99

 A7EEEC

 3A817F

 C3FFFF

 1C6866

 E0FFFF

 004F4E

FDFFFF

 003838

 002322

 00010D

 000000

 70B6B4

 70B6B4

■ 5EB6B3

■ 82B6B5

■ 4CB6B3

■ 94B6B5

■ 39B6B2

■ A7B6B6

■ 27B6B2

■ B9B6B6

■ 15B6B1

■ CBB6B7

■ 03B6B1

■ DDB6B7

■ 00B6B1

■ EFB6B8

■ FFB6B8

■ FFB6B9

Harmonies

Analogous

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



80B59E



70B6B4



70B4C7

Triad

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



70B6B4



BAA1C8



C4A582

Complementary

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



70B6B4



B67072

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.



D19F8D



70B6B4



CD9CB6

Square

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



70B6B4



9FA8D2



D59BA0



AFAC81

Rectangle

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



70B6B4



7BB1CF



D59BA0



C9A385

Sweetspot

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



70B6B4



D1EDEC



72B670



677877



F7F7F7



787878

Same Dimension

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



70B6B4



80EDEA



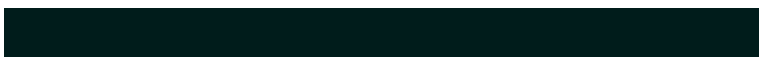
7095B6



535C5C



009C97



001C1B

Inverse Universe

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



B67072



ED8083



B69170



5C5353



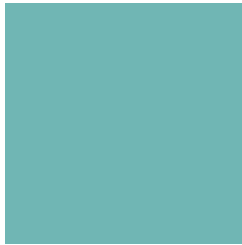
9C0004



1C0001

Previews

White Background



This preview shows how the Hex color 70B6B4 looks on a white background.

Color Contrast Check

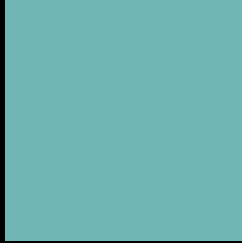
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 70B6B4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

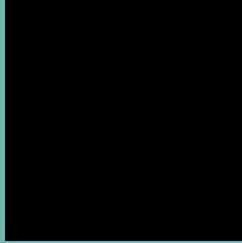
Any Text WCAG AA ✓ Pass

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 70B6B4 Background



This preview shows how black text looks on a background with the Hex color 70B6B4.

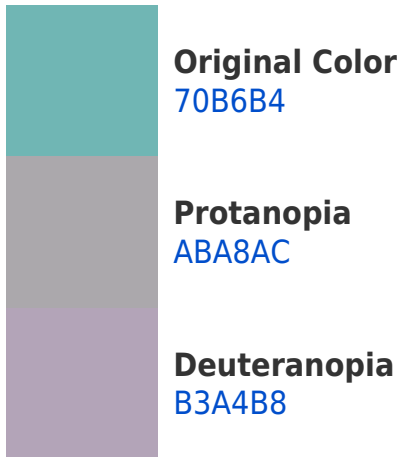


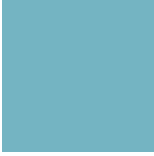
This preview shows how white text looks on a background with the Hex color 70B6B4.

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](#).

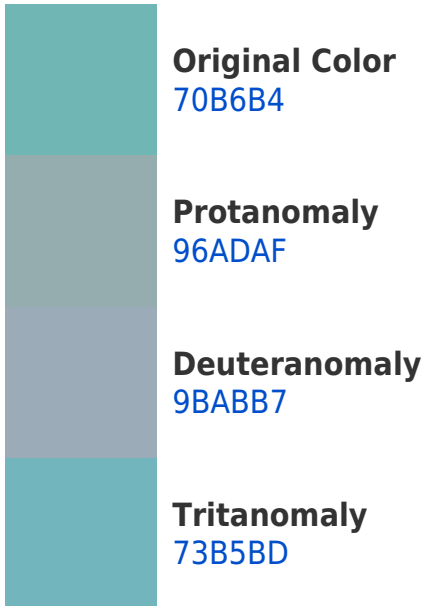
Dichromacy





Tritanopia
74B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70B6B4 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 #70B6B4 looks like.

```
.text, #text, p{  
    color:#70B6B4  
}
```

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 #70B6B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70B6B4
}
```

Border

The CSS property to change the border of an element to Hex 70B6B4 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
#70B6B4 }
```

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

```
.border{ border-color:#70B6B4 }
```

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

Here you see how a box with a 4 pixel #70B6B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70B6B4; -webkit-box-shadow:4px 4px  
4px 4px #70B6B4; box-shadow:4px 4px 4px  
4px #70B6B4 }
```

Background

The CSS property to change the background color of an element to Hex 70B6B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70B6B4 }
```

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

```
.background{ background-color:#70B6B4 }
```

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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