

Converting Colors

Hex(76B9C5)

Have a look what the booklet for
Hex(76B9C5) contains.

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Color

Hex(76B9C5)

Conversions

Conversions Part 1

Format	Color
Hex	76B9C5
RGB	118, 185, 197
RGB Percent	46%, 73%, 77%
CMY	0.5373, 0.2745, 0.2275
CMYK	0.40, 0.06, 0.00, 0.23
HSL	189°, 41%, 62%
HSV	189°, 40%, 77%
XYZ	34.8982, 42.5807, 59.2029
YIQ	166.3350, -43.7840, -10.4720

Conversions

Conversions Part 2

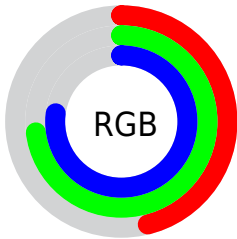
Format	Color
R_{YB}	118, 154, 197
Decimal	7780805
CIE _{Lab}	71.27, -18.13, -12.77
CIE _{LCh}	71, 22.176, 215.174
Yxy	42.5807, 0.2553, 0.3115
Android (android.graphics.Color)	4285970885 (0xFF76B9C5)
YUV	166.3350, 15.1178, -42.3898
Hunter-Lab	65.2539, -18.7313, -8.1143

Details

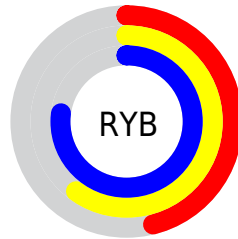
The Hex color **76B9C5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C58276**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **ADF1FE**, and **3F848F** is the 20% darker color. If you saturate the color by 10%, you get **62B6C5**, and if you desaturate by 10%, it is **8ABCC5**.

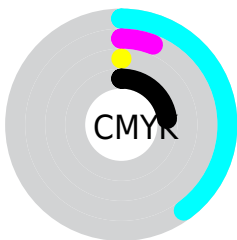
Distribution



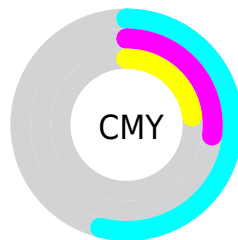
- Red (46%)
- Green (73%)
- Blue (77%)



- Red (46%)
- Yellow (60%)
- Blue (77%)



- Cyan (40%)
- Magenta (6%)
- Yellow (0%)
- Black (23%)



- Cyan (54%)
- Magenta (27%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76B9C5 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 76B9C5 by changing the saturation by 10% instead.

 76B9C5

 76B9C5

FFFFFF

 5B9EAA

 ADF1FE

 3F848F

 CAFFFF

 226A76

 E7FFFF

 00525D

 003B45

 00252F

 000A1B

 000000

 76B9C5

 76B9C5

62B6C5

8ABCC5

4FB3C5

9DBFC5

3BB0C5

B1C2C5

27ADC5

C5C5C5

14AAC5

D9C8C5

00A7C5

ECCBC5

FFCEC5

FFD1C5

FFD4C5

Harmonies

Analogous

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



7BBAB1



76B9C5



82B5D3

Triad

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



76B9C5



CCA2C0



BAAE86

Complementary

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



76B9C5



C58276

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.



CCA88A



76B9C5



D7A0AC

Square

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



76B9C5



B6A8D0



D7A298



A4B48D

Rectangle

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



76B9C5



92B1D6



D7A298



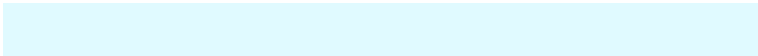
C1AC86

Sweetspot

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



76B9C5



E0FAFF



76C582



6E7D80



000000



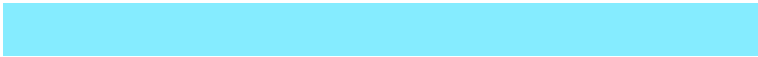
808080

Same Dimension

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



76B9C5



85ECFF



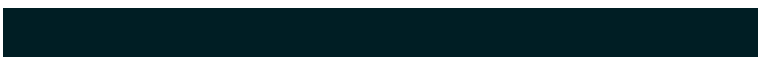
7692C5



5A6263



008AA3



001E24

Inverse Universe

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



C576B9



FF85EC



C5A976



635A62



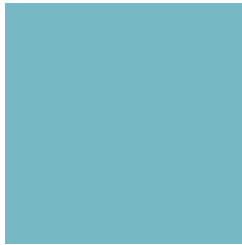
A3008A



24001E

Previews

White Background



This preview shows how the Hex color 76B9C5 looks on a white background.

Color Contrast Check

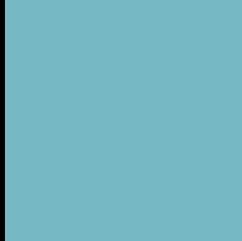
Large Text (above 18pt) WCAG AA × Fail

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 76B9C5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

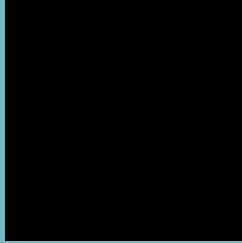
Any Text WCAG AA ✓ Pass

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 76B9C5 Background



This preview shows how black text looks on a background with the Hex color 76B9C5.

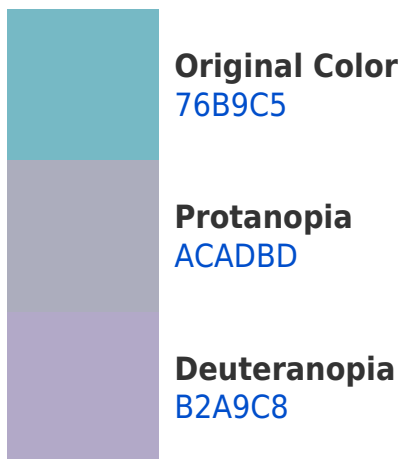


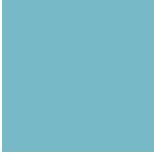
This preview shows how white text looks on a background with the Hex color 76B9C5.

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](#).

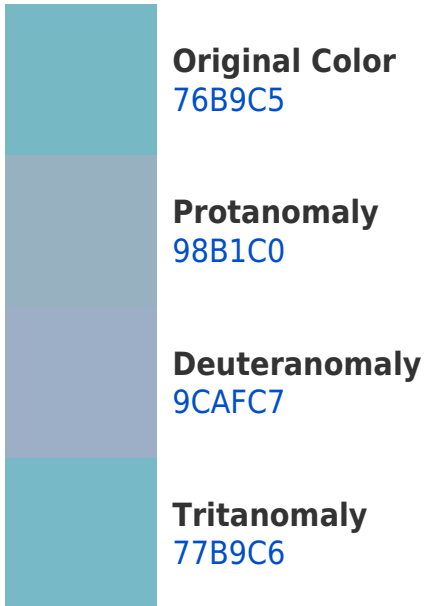
Dichromacy



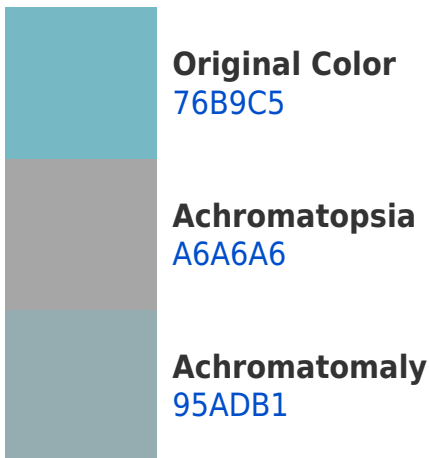


Tritanopia
77B9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76B9C5 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 #76B9C5 looks like.

```
.text, #text, p{  
    color:#76B9C5  
}
```

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 #76B9C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B9C5
}
```

Border

The CSS property to change the border of an element to Hex 76B9C5 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
#76B9C5 }
```

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

```
.border{ border-color:#76B9C5 }
```

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

Here you see how a box with a 4 pixel #76B9C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B9C5; -webkit-box-shadow:4px 4px  
4px 4px #76B9C5; box-shadow:4px 4px 4px  
4px #76B9C5 }
```

Background

The CSS property to change the background color of an element to Hex 76B9C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B9C5 }
```

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

```
.background{ background-color:#76B9C5 }
```

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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