

Converting Colors

Hex(76A9BF)

Have a look what the booklet for
Hex(76A9BF) contains.

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Color

Hex(76A9BF)

Conversions

Conversions Part 1

Format	Color
Hex	76A9BF
RGB	118, 169, 191
RGB Percent	46%, 66%, 75%
CMY	0.5373, 0.3373, 0.2510
CMYK	0.38, 0.12, 0.00, 0.25
HSL	198°, 36%, 61%
HSV	198°, 38%, 75%
XYZ	31.0632, 35.9891, 54.5996
YIQ	156.2590, -37.4580, -3.9700

Conversions

Conversions Part 2

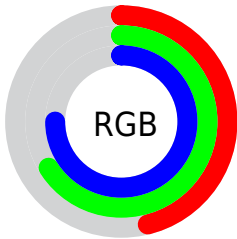
Format	Color
R _Y B	118, 148, 191
Decimal	7776703
CIE Lab	66.51, -11.25, -16.63
CIE LCh	67, 20.077, 235.935
Yxy	35.9891, 0.2553, 0.2958
Android (android.graphics.Color)	4285966783 (0xFF76A9BF)
YUV	156.2590, 17.1273, -33.5531
Hunter-Lab	59.9909, -12.5572, -11.9681

Details

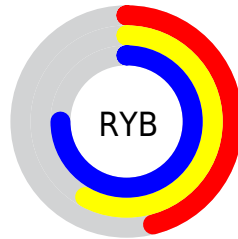
The Hex color **76A9BF** is a light color, and the websafe version is hex **669999**. A complement of this color would be **BF8C76**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **ADE0F7**, and **41758A** is the 20% darker color. If you saturate the color by 10%, you get **63A3BF**, and if you desaturate by 10%, it is **89AFBF**.

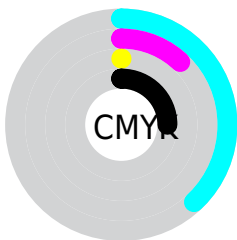
Distribution



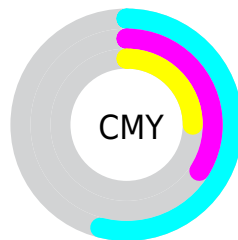
- Red (46%)
- Green (66%)
- Blue (75%)



- Red (46%)
- Yellow (58%)
- Blue (75%)



- Cyan (38%)
- Magenta (12%)
- Yellow (0%)
- Black (25%)



- Cyan (54%)
- Magenta (34%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76A9BF 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 76A9BF by changing the saturation by 10% instead.

 76A9BF

 76A9BF

FFFFFF

 5B8FA4


 ADE0F7

 41758A

 C9FDFF

 265C70

 E6FFFF

 014558

 002E40

 001A2A

 000116

 000000

 76A9BF

 76A9BF

■ 63A3BF

■ 89AFBF

■ 509DBF

■ 9CB5BF

■ 3D98BF

■ AFBABF

■ 2A92BF

■ C2C0BF

■ 178CBF

■ D6C6BF

■ 0386BF

■ E9CCBF

■ 0085BF

■ FCD1BF

■ FFD7BF

■ FFDDBF

Harmonies

Analogous

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



70ACB1



76A9BF



89A4C5

Triad

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



76A9BF



C495A5



9FA581

Complementary

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



76A9BF



BF8C76

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.



B2A07E



76A9BF



C79693

Square

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



76A9BF



B798B6



C09A85



8AAA8D

Rectangle

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



76A9BF



9AA0C4



C09A85



A5A47F

Sweetspot

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



76A9BF



DCEFF7



76BF8C



6D787D



FCFCFC



7D7D7D

Same Dimension

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



76A9BF



86D5F7



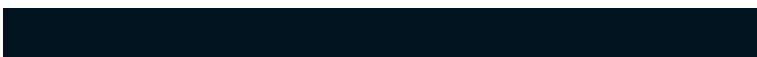
7685BF



555C5E



006E9E



00151F

Inverse Universe

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



BF76A9



F786D5



BFB076



5E555C



9E006E



1F0015

Previews

White Background



This preview shows how the Hex color 76A9BF 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 76A9BF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

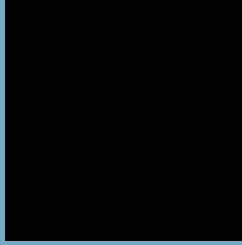
Any Text WCAG AA ✓ Pass

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 76A9BF Background



This preview shows how black text looks on a background with the Hex color 76A9BF.

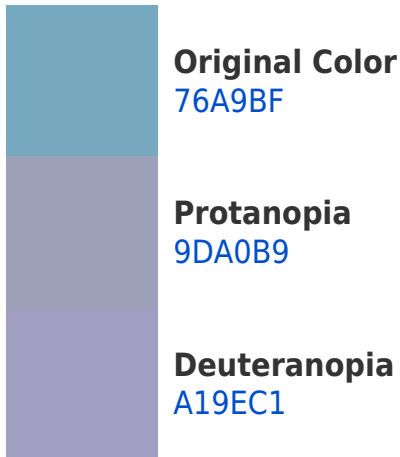


This preview shows how white text looks on a background with the Hex color 76A9BF.

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](#).

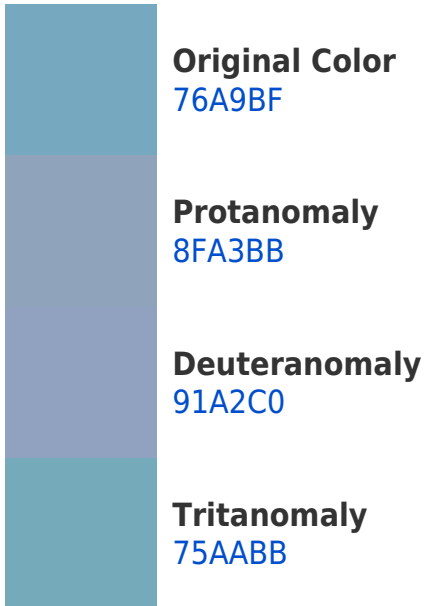
Dichromacy



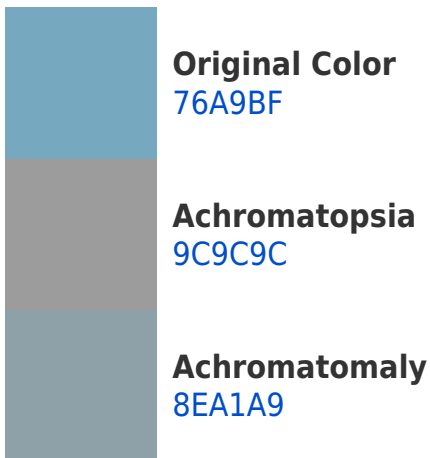


Tritanopia
74AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76A9BF 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 #76A9BF looks like.

```
.text, #text, p{  
    color:#76A9BF  
}
```

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 #76A9BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A9BF
}
```

Border

The CSS property to change the border of an element to Hex 76A9BF 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
#76A9BF }
```

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

```
.border{ border-color:#76A9BF }
```

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

Here you see how a box with a 4 pixel #76A9BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A9BF; -webkit-box-shadow:4px 4px  
4px 4px #76A9BF; box-shadow:4px 4px 4px  
4px #76A9BF }
```

Background

The CSS property to change the background color of an element to Hex 76A9BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A9BF }
```

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

```
.background{ background-color:#76A9BF }
```

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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