

Converting Colors

Hex(74AEB9)

Have a look what the booklet for
Hex(74AEB9) contains.

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Color

Hex(74AEB9)

Conversions

Conversions Part 1

Format	Color
Hex	74AEB9
RGB	116, 174, 185
RGB Percent	45%, 68%, 73%
CMY	0.5451, 0.3176, 0.2745
CMYK	0.37, 0.06, 0.00, 0.27
HSL	190°, 33%, 59%
HSV	190°, 37%, 73%
XYZ	31.0955, 37.4879, 51.4959
YIQ	157.9120, -38.0990, -8.8750

Conversions

Conversions Part 2

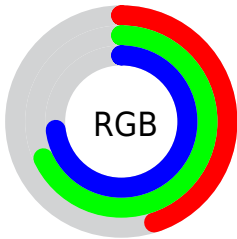
Format	Color
RYB	116, 148, 185
Decimal	7646905
CIELab	67.64, -16.00, -11.61
CIElCh	68, 19.769, 215.982
Yxy	37.4879, 0.2590, 0.3122
Android (android.graphics.Color)	4285836985 (0xFF74AEB9)
YUV	157.9120, 13.3544, -36.7568
Hunter-Lab	61.2274, -16.4933, -7.0073

Details

The Hex color **74AEB9** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B97F74**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **ABE6F1**, and **3F7984** is the 20% darker color. If you saturate the color by 10%, you get **62ABB9**, and if you desaturate by 10%, it is **87B1B9**.

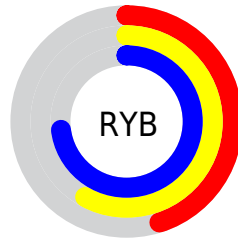
Distribution



Red (45%)

Green (68%)

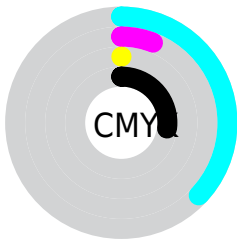
Blue (73%)



Red (45%)

Yellow (58%)

Blue (73%)

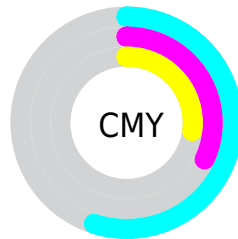


Cyan (37%)

Magenta (6%)

Yellow (0%)

Black (27%)



Cyan (55%)

Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74AEB9 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 74AEB9 by changing the saturation by 10% instead.



74AEB9



74AEB9

FFFFFF



59939E



ABE6F1



3F7984



C7FFFF



23616B



E3FFFF



004953



00323C



001E26



000111



000000



74AEB9



74AEB9

62ABB9

87B1B9

4FA8B9

99B4B9

3DA5B9

ACB7B9

2AA2B9

BEBAB9

189FB9

D1BDB9

059CB9

E3C0B9

009CB9

F5C3B9

FFC6B9

FFC9B9

Harmonies

Analogous

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



78AFA8



74AEB9



7FABC5

Triad

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



74AEB9



BF9AB4



AFA581

Complementary

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



74AEB9



B97F74

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.



BF9F85



74AEB9



C998A2

Square

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



74AEB9



AC9FC2



C89A91



9BAA88

Rectangle

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



74AEB9



8DA7C8



C89A91



B5A381

Sweetspot

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



74AEB9



D5EBF0



74B97E



687578



F7F7F7



787878

Same Dimension

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



74AEB9



84DFF0



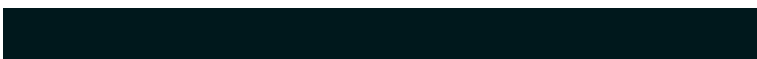
748CB9



535A5C



00839C



00181C

Inverse Universe

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



B974AE



F084DF



B9A174



5C535A



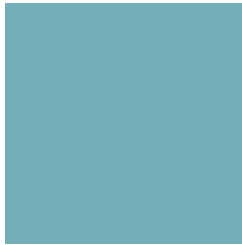
9C0083



1C0018

Previews

White Background



This preview shows how the Hex color 74AEB9 looks on a white background.

Color Contrast Check

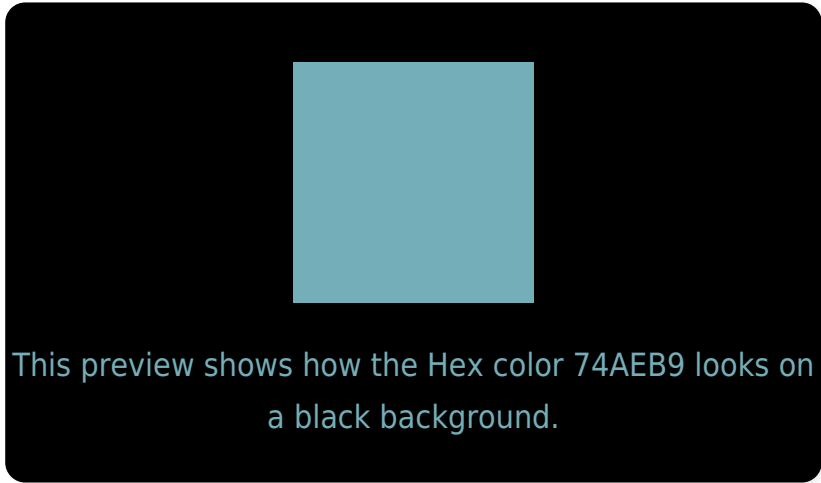
Large Text (above 18pt) WCAG AA × Fail

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

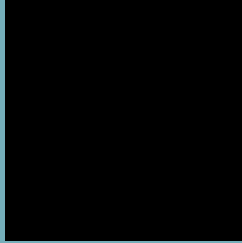
Any Text WCAG AA ✓ Pass

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 74AEB9 Background



This preview shows how black text looks on a background with the Hex color 74AEB9.

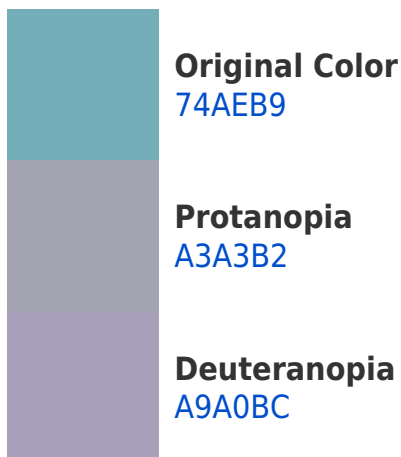


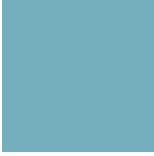
This preview shows how white text looks on a background with the Hex color 74AEB9.

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
75AEB3

Trichromacy



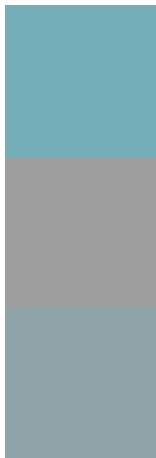
Original Color
74AEB9

Protanomaly
92A7B5

Deuteranomaly
96A5BB

Tritanomaly
75AEBB

Monochromacy



Original Color
74AEB9

Achromatopsia
9E9E9E

Achromatomaly
8FA4A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 74AEB9 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 #74AEB9 looks like.

```
.text, #text, p{  
    color:#74AEB9  
}
```

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 #74AEB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74AEB9
}
```

Border

The CSS property to change the border of an element to Hex 74AEB9 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
#74AEB9 }
```

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

```
.border{ border-color:#74AEB9 }
```

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

Here you see how a box with a 4 pixel #74AEB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74AEB9; -webkit-box-shadow:4px 4px  
4px 4px #74AEB9; box-shadow:4px 4px 4px  
4px #74AEB9 }
```

Background

The CSS property to change the background color of an element to Hex 74AEB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74AEB9 }
```

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

```
.background{ background-color:#74AEB9 }
```

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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