

# Converting Colors

Hex(74B5A6)

Have a look what the booklet for  
Hex(74B5A6) contains.

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**Color**

**Hex(74B5A6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74B5A6
RGB	116, 181, 166
RGB Percent	45%, 71%, 65%
CMY	0.5451, 0.2902, 0.3490
CMYK	0.36, 0.00, 0.08, 0.29
HSL	166°, 31%, 58%
HSV	166°, 36%, 71%
XYZ	30.6093, 39.5139, 42.0901
YIQ	159.8550, -33.9250, -18.4450

# Conversions

## Conversions Part 2

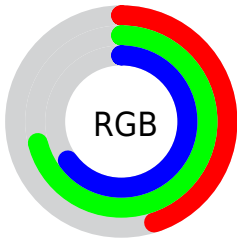
Format	Color
<a href="#">RYB</a>	<a href="#">116, 153, 181</a>
Decimal	<a href="#">7648678</a>
CIELab	<a href="#">69.12, -24.18, 1.07</a>
CIElCh	<a href="#">69, 24.207, 177.467</a>
Yxy	<a href="#">39.5139, 0.2728, 0.3521</a>
Android (android.graphics.Color)	<a href="#">4285838758</a> ( <a href="#">0xFF74B5A6</a> )
YUV	<a href="#">159.8550, 3.0295, -38.4608</a>
Hunter-Lab	<a href="#">62.8601, -23.0859, 4.3025</a>

# Details

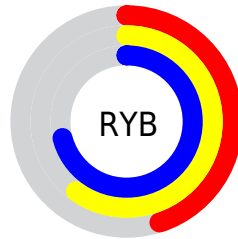
The Hex color **74B5A6** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B57483**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **AAEDDD**, and **408072** is the 20% darker color. If you saturate the color by 10%, you get **62B5A2**, and if you desaturate by 10%, it is **86B5AA**.

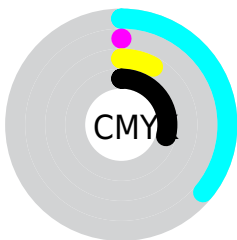
# Distribution



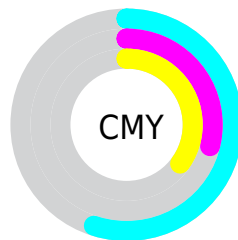
- Red (45%)
- Green (71%)
- Blue (65%)



- Red (45%)
- Yellow (60%)
- Blue (71%)



- Cyan (36%)
- Magenta (0%)
- Yellow (8%)
- Black (29%)



- Cyan (55%)
- Magenta (29%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74B5A6 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 74B5A6 by changing the saturation by 10% instead.





74B5A6



74B5A6

FFFFFF



5A9A8C



AAEDDD



408072



C6FFFA



25675A



E3FFFF



024E42



00372C



002218



000000



74B5A6



74B5A6



62B5A2



86B5AA

 50B59E

 98B5AE

 3EB599

 AAB5B3

 2CB595

 BCB5B7

 19B591

 CFB5BB

 07B58D

 E1B5BF

 00B58B

 F3B5C3

 FFB5C7

 FFB5CC

# Harmonies

## Analogous

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



8AB391



74B5A6



69B5BC

# Triad

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



74B5A6



AAA4CF



CC9F85

# Complementary

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



74B5A6



B57483

# 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.



D59A96



74B5A6



C39DC1

# Square

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



74B5A6



8BABD4



D299AB



BBA77D

# Rectangle

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



74B5A6



6CB3C8



D299AB



D19D89



# Sweetspot

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



74B5A6



D1EBE5



83B574



667572



F5F5F5



757575



# Same Dimension

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



74B5A6



86EBD3



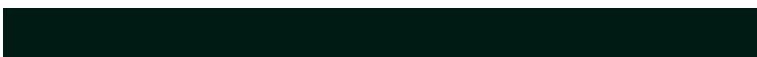
74A4B5



505957



009976



001A14



# Inverse Universe

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



B57483



EB869D



B58574



595052



990023

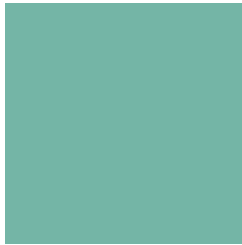


1A0006



# Previews

## White Background



This preview shows how the Hex color 74B5A6 looks on a white background.

## Color Contrast Check

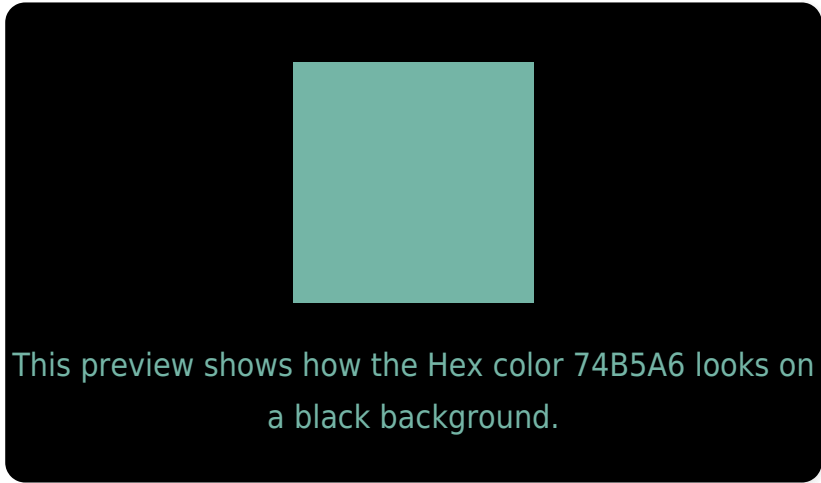
Large Text (above 18pt) WCAG AA × Fail

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

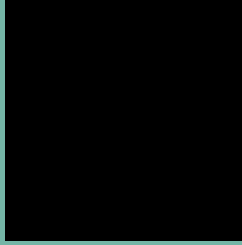
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 74B5A6 Background



This preview shows how black text looks on a background with the Hex color 74B5A6.

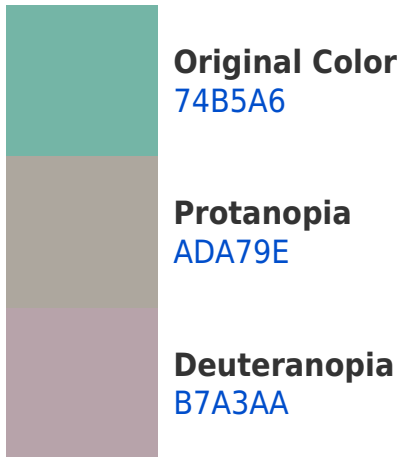


This preview shows how white text looks on a background with the Hex color 74B5A6.

# 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](#).

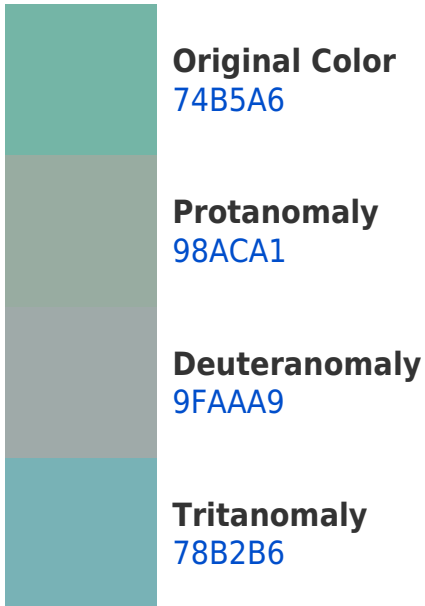
## Dichromacy



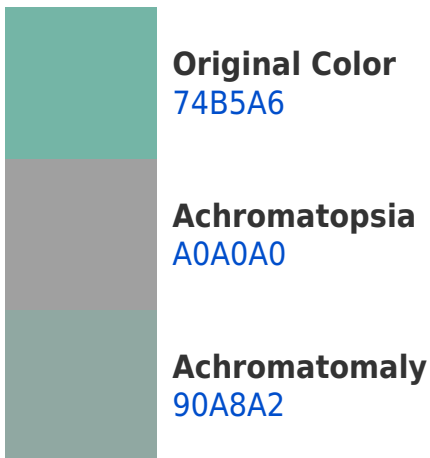


**Tritanopia**  
7AB1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74B5A6 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 #74B5A6 looks like.

```
.text, #text, p{  
    color:#74B5A6  
}
```

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 #74B5A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74B5A6
}
```

## Border

The CSS property to change the border of an element to Hex 74B5A6 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
#74B5A6 }
```

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

```
.border{ border-color:#74B5A6 }
```

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

Here you see how a box with a 4 pixel #74B5A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74B5A6; -webkit-box-shadow:4px 4px  
4px 4px #74B5A6; box-shadow:4px 4px 4px  
4px #74B5A6 }
```

# Background

The CSS property to change the background color of an element to Hex 74B5A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74B5A6 }
```

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

```
.background{ background-color:#74B5A6 }
```

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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