

# Converting Colors

Hex(75A7BE)

Have a look what the booklet for  
Hex(75A7BE) contains.

<b>Hex(75A7BE)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(75A7BE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75A7BE
RGB	117, 167, 190
RGB Percent	46%, 65%, 75%
CMY	0.5412, 0.3451, 0.2549
CMYK	0.38, 0.12, 0.00, 0.25
HSL	199°, 36%, 60%
HSV	199°, 38%, 75%
XYZ	30.4491, 35.1370, 53.8925
YIQ	154.6720, -37.1830, -3.4470

# Conversions

## Conversions Part 2

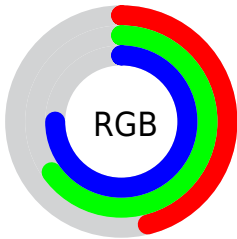
Format	Color
<a href="#">RYB</a>	<a href="#">117, 147, 190</a>
Decimal	<a href="#">7710654</a>
CIELab	<a href="#">65.86, -10.70, -17.08</a>
CIELCh	<a href="#">66, 20.151, 237.923</a>
Yxy	<a href="#">35.1370, 0.2548, 0.2941</a>
Android (android.graphics.Color)	<a href="#">4285900734 (0xFF75A7BE)</a>
YUV	<a href="#">154.6720, 17.4167, -33.0383</a>
Hunter-Lab	<a href="#">59.2765, -12.0422, -12.4112</a>

# Details

The Hex color **75A7BE** is a light color, and the websafe version is hex **669999**. A complement of this color would be **BE8C75**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **ACDEF6**, and **407389** is the 20% darker color. If you saturate the color by 10%, you get **62A1BE**, and if you desaturate by 10%, it is **88ADBE**.

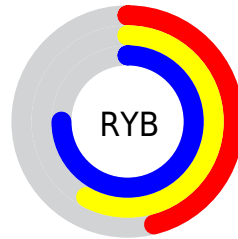
# Distribution



Red (46%)

Green (65%)

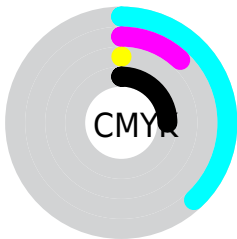
Blue (75%)



Red (46%)

Yellow (58%)

Blue (75%)

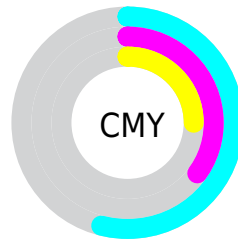


Cyan (38%)

Magenta (12%)

Yellow (0%)

Black (25%)



Cyan (54%)

Magenta (35%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75A7BE 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 75A7BE by changing the saturation by 10% instead.



■ 75A7BE

■ 75A7BE

FFFFFF

■ 5A8DA3

■ ACDEF6

■ 407389

■ C8FBFF

■ 255A6F

■ E4FFFF

■ 004357

■ 002D3F

■ 001929

■ 000115

■ 000000

■ 75A7BE

■ 75A7BE

■ 62A1BE

■ 88ADBE

■ 4F9BBE

■ 9BB3BE

■ 3C95BE

■ AEB9BE

■ 298FBE

■ C1BFBE

■ 1689BE

■ D4C5BE

■ 0383BE

■ E7CBBE

■ 0082BE

■ FAD1BE

■ FFD7BE

■ FFDDBE

# Harmonies

## Analogous

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



6EAAB0



75A7BE



89A2C4

# Triad

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



75A7BE



C393A2



9CA480

# Complementary

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



75A7BE



BE8C75

# 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.



AF9E7C



75A7BE



C59490

# Square

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



75A7BE



B696B3



BE9882



87A88C

# Rectangle

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



75A7BE



999EC2



BE9882



A2A27E



# Sweetspot

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



75A7BE



DAEEF7



75BE8B



6B777D



FCFCFC



7D7D7D



# Same Dimension

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



75A7BE



86D4F7



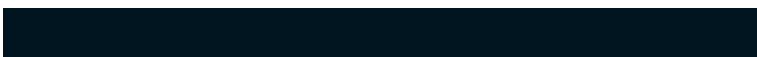
7584BE



555B5E



006C9E



00151F



# Inverse Universe

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



BE75A7



F786D4



BEAF75



5E555B



9E006C



1F0015



# Previews

## White Background



This preview shows how the Hex color 75A7BE looks on a white background.

## Color Contrast Check

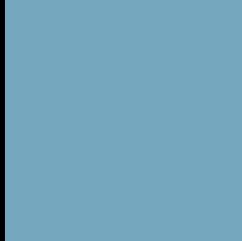
Large Text (above 18pt) WCAG AA × Fail

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 75A7BE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

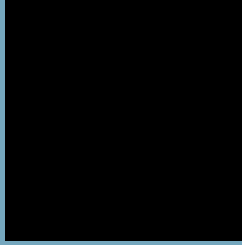
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

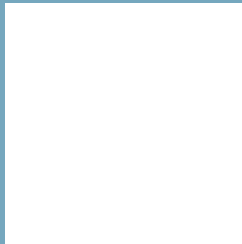
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 75A7BE Background



This preview shows how black text looks on a background with the Hex color 75A7BE.

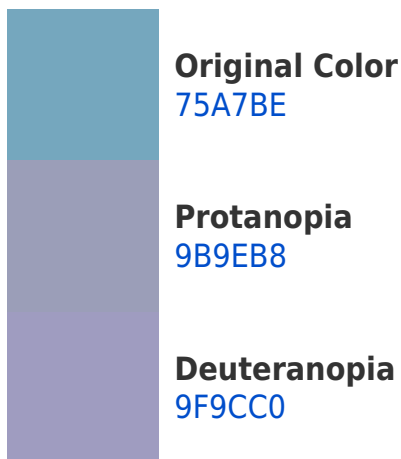


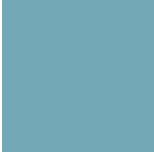
This preview shows how white text looks on a background with the Hex color 75A7BE.

# 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](#).

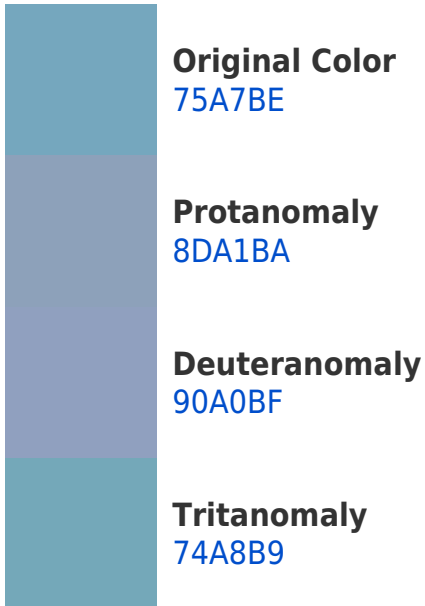
## Dichromacy



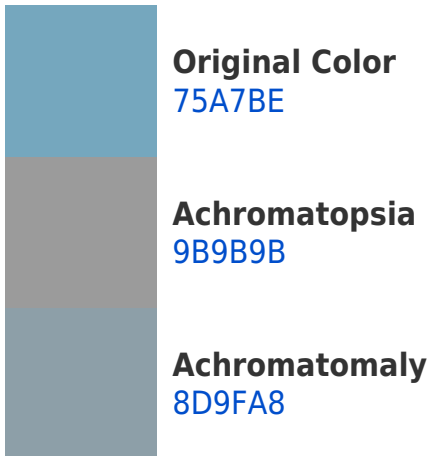


**Tritanopia**  
73A8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75A7BE 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 #75A7BE looks like.

```
.text, #text, p{  
    color:#75A7BE  
}
```

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 #75A7BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75A7BE
}
```

## Border

The CSS property to change the border of an element to Hex 75A7BE 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
#75A7BE }
```

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

```
.border{ border-color:#75A7BE }
```

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

Here you see how a box with a 4 pixel #75A7BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75A7BE; -webkit-box-shadow:4px 4px  
4px 4px #75A7BE; box-shadow:4px 4px 4px  
4px #75A7BE }
```

# Background

The CSS property to change the background color of an element to Hex 75A7BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75A7BE }
```

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

```
.background{ background-color:#75A7BE }
```

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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