

# Converting Colors

Hex(75E79C)

Have a look what the booklet for  
Hex(75E79C) contains.

<b>Hex(75E79C)</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(75E79C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75E79C
RGB	117, 231, 156
RGB Percent	46%, 91%, 61%
CMY	0.5412, 0.0941, 0.3882
CMYK	0.49, 0.00, 0.32, 0.09
HSL	141°, 70%, 68%
HSV	141°, 49%, 91%
XYZ	41.9128, 63.3340, 41.4681
YIQ	188.3640, -43.8690, -47.4930

# Conversions

## Conversions Part 2

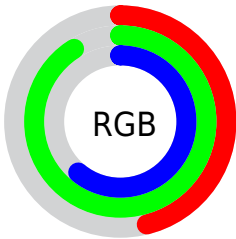
Format	Color
<b>RYB</b>	117, 202, 231
Decimal	7727004
CIELab	83.62, -48.81, 26.78
CIELCh	84, 55.678, 151.246
Yxy	63.3340, 0.2857, 0.4317
Android (android.graphics.Color)	4285917084 (0xFF75E79C)
YUV	188.3640, -15.9555, -62.5862
Hunter-Lab	79.5827, -45.2614, 24.8136

# Details

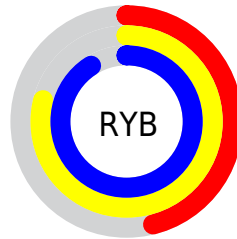
The Hex color **75E79C** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E775C0**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **AFFFD3**, and **38AF68** is the 20% darker color. If you saturate the color by 10%, you get **5EE78D**, and if you desaturate by 10%, it is **8CE7AB**.

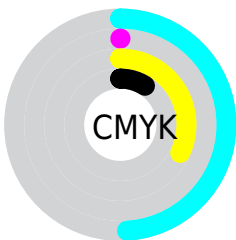
# Distribution



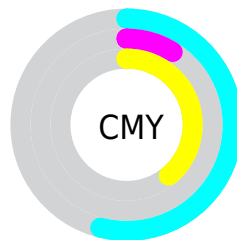
- Red (46%)
- Green (91%)
- Blue (61%)



- Red (46%)
- Yellow (79%)
- Blue (91%)



- Cyan (49%)
- Magenta (0%)
- Yellow (32%)
- Black (9%)



- Cyan (54%)
- Magenta (9%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75E79C 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 75E79C by changing the saturation by 10% instead.



 75E79C

 75E79C

FFFFFF

 58CA82

 AFFFD3

 38AF68

 CCFEF

 0C9350

 EAFFFF

 007938

 005F21

 00460A

 002F00

 001500

 000000

 75E79C

 75E79C

 5EE78D

 8CE7AB

 47E77E

 A3E7BA

 30E76E

 BAE7CA

 19E75F

 D1E7D9

 02E750

 E9E7E8

 00E74F

 FFE7F7

 FFE7FF

# Harmonies

## Analogous

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



B8DD74



75E79C



00EBD1

# Triad

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



75E79C



7AD5FF



FFAB9D

# Complementary

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



75E79C



E775C0

# 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.



FFA5D0



75E79C



D7C2FF

# Square

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



75E79C



00E3FF



FFAFFF



FFBB75

# Rectangle

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



75E79C



00EBF5



FFAFFF



FFA7AD

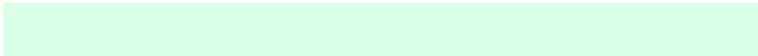


# Sweetspot

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



75E79C



D9FFE6



C1E775



698070



000000



808080



# Same Dimension

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



75E79C



69FF9C



75E7D4



67736B



00B33D



003311



# Inverse Universe

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



E775C0



FF69CC



E77588



73676F



B30075



330022



# Previews

## White Background



This preview shows how the Hex color 75E79C 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 75E79C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

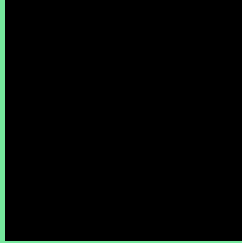
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 75E79C Background



This preview shows how black text looks on a background with the Hex color 75E79C.

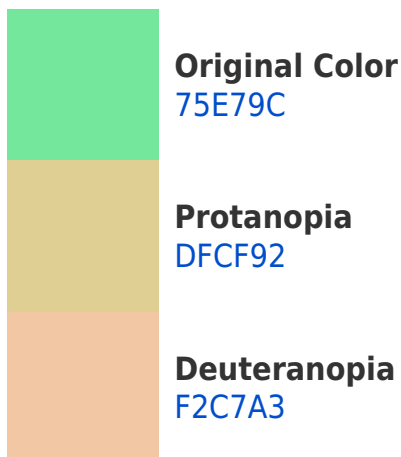


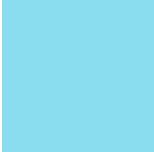
This preview shows how white text looks on a background with the Hex color 75E79C.

# 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**  
8ADDEE

# Trichromacy



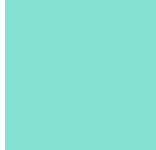
**Original Color**  
75E79C



**Protanomaly**  
B8D896



**Deuteranomaly**  
C5D3A0

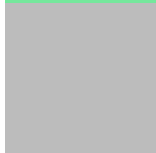


**Tritanomaly**  
82E1D0

# Monochromacy



**Original Color**  
75E79C



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
A2CCB0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75E79C 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 #75E79C looks like.

```
.text, #text, p{  
    color:#75E79C  
}
```

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 #75E79C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75E79C
}
```

## Border

The CSS property to change the border of an element to Hex 75E79C 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
#75E79C }
```

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

```
.border{ border-color:#75E79C }
```

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

Here you see how a box with a 4 pixel #75E79C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75E79C; -webkit-box-shadow:4px 4px  
4px 4px #75E79C; box-shadow:4px 4px 4px  
4px #75E79C }
```

# Background

The CSS property to change the background color of an element to Hex 75E79C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75E79C }
```

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

```
.background{ background-color:#75E79C }
```

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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