

# Converting Colors

Hex(75E09A)

Have a look what the booklet for  
Hex(75E09A) contains.

<b>Hex(75E09A)</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(75E09A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75E09A
RGB	117, 224, 154
RGB Percent	46%, 88%, 60%
CMY	0.5412, 0.1216, 0.3961
CMYK	0.48, 0.00, 0.31, 0.12
HSL	141°, 63%, 67%
HSV	141°, 48%, 88%
XYZ	39.8245, 59.4263, 39.9433
YIQ	184.0270, -41.3020, -44.4540

# Conversions

## Conversions Part 2

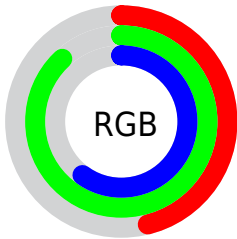
Format	Color
<a href="#">RYB</a>	<a href="#">117, 197, 224</a>
Decimal	<a href="#">7725210</a>
CIELab	<a href="#">81.53, -46.22, 24.98</a>
CIELCh	<a href="#">82, 52.538, 151.616</a>
Yxy	<a href="#">59.4263, 0.2861, 0.4269</a>
Android (android.graphics.Color)	<a href="#">4285915290 (0xFF75E09A)</a>
YUV	<a href="#">184.0270, -14.8033, -58.7827</a>
Hunter-Lab	<a href="#">77.0885, -42.6903, 23.2409</a>

# Details

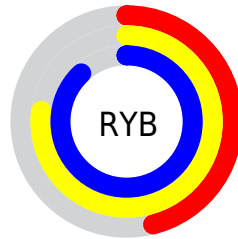
The Hex color **75E09A** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E075BB**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **AEFFD1**, and **3AA866** is the 20% darker color. If you saturate the color by 10%, you get **5FE08B**, and if you desaturate by 10%, it is **8BE0A9**.

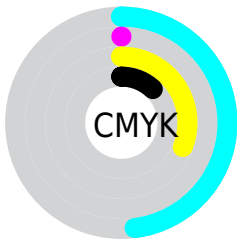
# Distribution



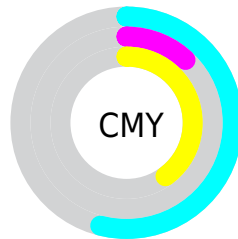
- Red (46%)
- Green (88%)
- Blue (60%)



- Red (46%)
- Yellow (77%)
- Blue (88%)



- Cyan (48%)
- Magenta (0%)
- Yellow (31%)
- Black (12%)



- Cyan (54%)
- Magenta (12%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75E09A 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 75E09A by changing the saturation by 10% instead.



 75E09A

 75E09A

FFFFFF

 58C480

 AEFFD1

 3AA866

 CBFFED

 138D4E

 E9FFFF

 007336

 005920

 004109

 002B00

 000A00

 000000

 75E09A

 75E09A

 5FE08B

 8BE0A9

 48E07D

 A2E0B7

 32E06E

 B8E0C6

 1BE05F

 CFE0D5

 05E051

 E5E0E3

 00E04D

 FBE0F2

 FFE0FF

# Harmonies

## Analogous

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



B3D774



75E09A



00E4CC

# Triad

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



75E09A



7ECFFF



FFA89A

# Complementary

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



75E09A



E075BB

# 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.



FFA2CA



75E09A



D2BDFF

# Square

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



75E09A



00DCFF



FFABFA



FFB775

# Rectangle

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



75E09A



00E4ED



FFABFA



FFA4A9

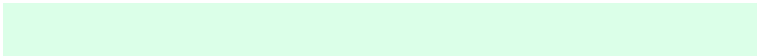


# Sweetspot

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



75E09A



DBFFE8



BCE075



6A8071



000000



808080



# Same Dimension

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



75E09A



6EFFA0



75E0CE



657069



00B03D



003011



# Inverse Universe

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



E075BB



FF6ECD



E07587



70656C



B00073

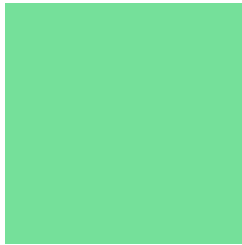


300020



# Previews

## White Background



This preview shows how the Hex color 75E09A looks on a white background.

## Color Contrast Check

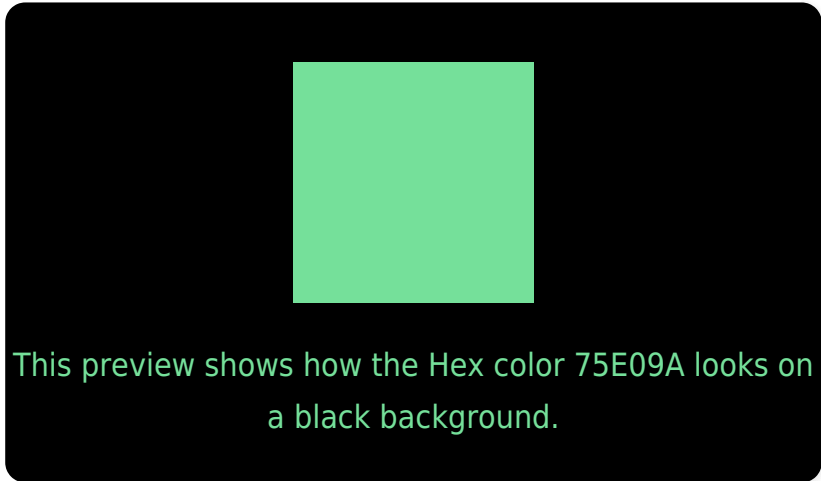
Large Text (above 18pt) WCAG AA × Fail

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 75E09A Background



This preview shows how black text looks on a background with the Hex color 75E09A.

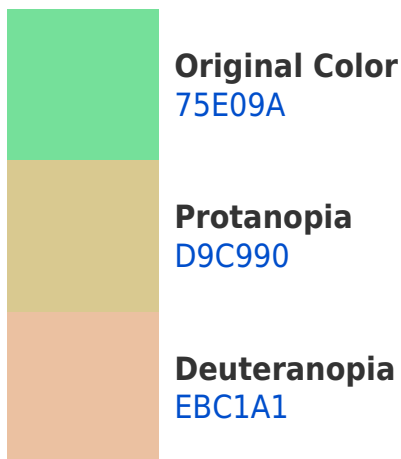


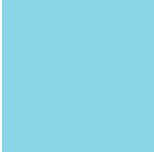
This preview shows how white text looks on a background with the Hex color 75E09A.

# 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**  
88D6E7

# Trichromacy



**Original Color**  
75E09A



**Protanomaly**  
B5D194



**Deuteranomaly**  
C0CC9E

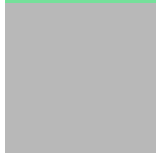


**Tritanomaly**  
81DACB

# Monochromacy



**Original Color**  
75E09A



**Achromatopsia**  
B8B8B8



**Achromatomaly**  
A0C7AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75E09A 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 #75E09A looks like.

```
.text, #text, p{  
    color:#75E09A  
}
```

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 #75E09A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75E09A
}
```

## Border

The CSS property to change the border of an element to Hex 75E09A 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
#75E09A }
```

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

```
.border{ border-color:#75E09A }
```

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

Here you see how a box with a 4 pixel #75E09A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75E09A; -webkit-box-shadow:4px 4px  
4px 4px #75E09A; box-shadow:4px 4px 4px  
4px #75E09A }
```

# Background

The CSS property to change the background color of an element to Hex 75E09A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75E09A }
```

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

```
.background{ background-color:#75E09A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor