

# Converting Colors

Hex(59E984)

Have a look what the booklet for  
Hex(59E984) contains.

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**Color**

**Hex(59E984)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59E984
RGB	89, 233, 132
RGB Percent	35%, 91%, 52%
CMY	0.6510, 0.0863, 0.4824
CMYK	0.62, 0.00, 0.43, 0.09
HSL	138°, 77%, 63%
HSV	138°, 62%, 91%
XYZ	37.4236, 62.0676, 31.8376
YIQ	178.4300, -53.4030, -61.9390

# Conversions

## Conversions Part 2

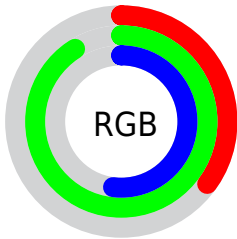
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 200, 233
Decimal	5892484
CIELab	82.95, -60.04, 37.86
CIELCh	83, 70.974, 147.766
Yxy	62.0676, 0.2850, 0.4726
Android (android.graphics.Color)	4284082564 (0xFF59E984)
YUV	178.4300, -22.8900, -78.4301
Hunter-Lab	78.7830, -53.0790, 31.1880

# Details

The Hex color **59E984** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **E959BE**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **97FFBA**, and **00B051** is the 20% darker color. If you saturate the color by 10%, you get **42E974**, and if you desaturate by 10%, it is **70E994**.

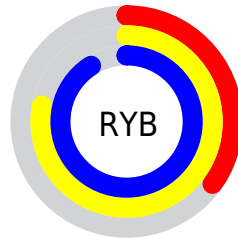
# Distribution



Red (35%)

Green (91%)

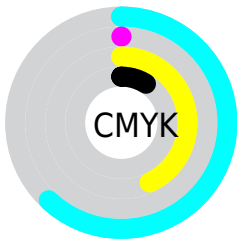
Blue (52%)



Red (35%)

Yellow (78%)

Blue (91%)

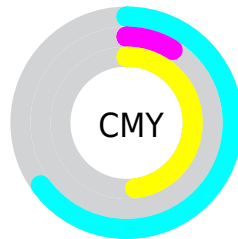


Cyan (62%)

Magenta (0%)

Yellow (43%)

Black (9%)



Cyan (65%)

Magenta (9%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59E984 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 59E984 by changing the saturation by 10% instead.



 59E984

 59E984


FFFFFF

 35CC6A

 97FFBA

 00B051

 B6FFD6

 009538

 D4FFF3

 007A1F

 F2FFFF

 006002

 004600

 003000

 001200

 000000

 59E984

 59E984

 42E974

 70E994

 2AE963

 88E9A5

 13E953

 9FE9B5

 00E946

 B6E9C5

 CDE9D6

 E5E9E6

 FCE9F6

 FFE9FF

# Harmonies

## Analogous

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



B5DD50



59E984



00EFC7

# Triad

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



59E984



00D8FF



FF9894

# Complementary

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



59E984



E959BE

# 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.



FF92D6



59E984



C8BFFF

# Square

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



59E984



00E7FF



FFA3FF



FFB05D

# Rectangle

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



59E984



00EFF5



FFA3FF



FF94AA

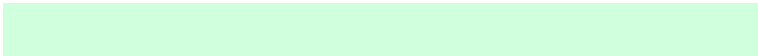


# Sweetspot

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



59E984



CFFFDD



C0E959



62806B



000000



808080



# Same Dimension

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



59E984



42FF7B



59E9CA



6A756D



00B536



003610



# Inverse Universe

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



E959BE



FF42C7



E95978



756A72



B5007F



360026



# Previews

## White Background



This preview shows how the Hex color 59E984 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 59E984 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

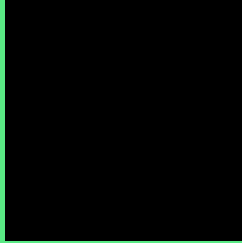
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 59E984 Background



This preview shows how black text looks on a background with the Hex color 59E984.

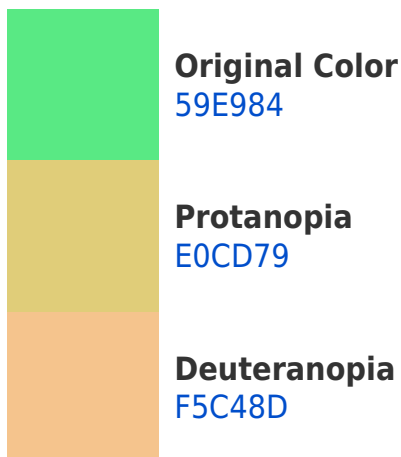


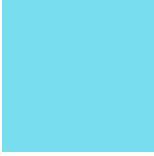
This preview shows how white text looks on a background with the Hex color 59E984.

# 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



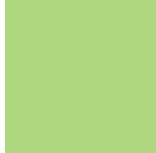


**Tritanopia**  
78DDEF

# Trichromacy



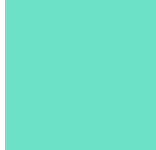
**Original Color**  
59E984



**Protanomaly**  
AFD77D



**Deuteranomaly**  
BCD18A



**Tritanomaly**  
6DE1C8

# Monochromacy



**Original Color**  
59E984



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
92C6A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59E984 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 #59E984 looks like.

```
.text, #text, p{  
    color:#59E984  
}
```

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 #59E984 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59E984
}
```

## Border

The CSS property to change the border of an element to Hex 59E984 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
#59E984 }
```

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

```
.border{ border-color:#59E984 }
```

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

Here you see how a box with a 4 pixel #59E984 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59E984; -webkit-box-shadow:4px 4px  
4px 4px #59E984; box-shadow:4px 4px 4px  
4px #59E984 }
```

# Background

The CSS property to change the background color of an element to Hex 59E984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59E984 }
```

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

```
.background{ background-color:#59E984 }
```

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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