

# Converting Colors

Hex(59E185)

Have a look what the booklet for  
Hex(59E185) contains.

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**Color**

**Hex(59E185)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59E185
RGB	89, 225, 133
RGB Percent	35%, 88%, 52%
CMY	0.6510, 0.1176, 0.4784
CMYK	0.60, 0.00, 0.41, 0.12
HSL	139°, 69%, 62%
HSV	139°, 60%, 88%
XYZ	35.2787, 57.6677, 31.4619
YIQ	173.8480, -51.5240, -57.4440

# Conversions

## Conversions Part 2

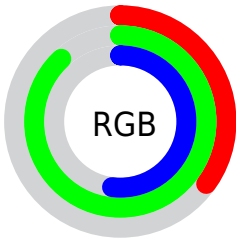
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 192, 225
Decimal	5890437
CIELab	80.55, -56.85, 34.25
CIELCh	81, 66.369, 148.932
Yxy	57.6677, 0.2836, 0.4635
Android (android.graphics.Color)	4284080517 (0xFF59E185)
YUV	173.8480, -20.1381, -74.4117
Hunter-Lab	75.9393, -49.9690, 28.5934

# Details

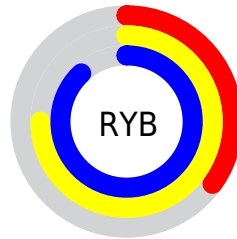
The Hex color **59E185** is a light color, and the websafe version is hex **33CC66**. The color can be described as light muted spring green. A complement of this color would be **E159B5**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **96FFBB**, and **00A952** is the 20% darker color. If you saturate the color by 10%, you get **43E176**, and if you desaturate by 10%, it is **6FE194**.

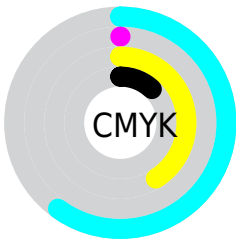
# Distribution



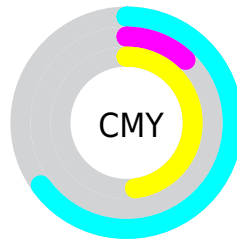
- Red (35%)
- Green (88%)
- Blue (52%)



- Red (35%)
- Yellow (75%)
- Blue (88%)



- Cyan (60%)
- Magenta (0%)
- Yellow (41%)
- Black (12%)



- Cyan (65%)
- Magenta (12%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59E185 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 59E185 by changing the saturation by 10% instead.



 59E185

 59E185

FFFFFF

 36C46B

 96FFBB

 00A952

 B4FFD7

 008D3A

 D2FFF4

 007321

 F0FFFF

 005907

 004000

 002900

 000400

 000000

 59E185

 59E185

 43E176

 6FE194

 2CE167

 86E1A3

 16E157

 9DE1B3

 00E149

 B3E1C2

 CAE1D1

 E0E1E0

 F7E1F0

 FFE1FF

# Harmonies

## Analogous

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



AED654



59E185



00E6C4

# Triad

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



59E185



24CFFF



FF978F

# Complementary

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



59E185



E159B5

# 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.



FF90CD



59E185



C6B8FF

# Square

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



59E185



00DFFF



FF9FFF



FFAD5D

# Rectangle

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



59E185



00E6EE



FF9FFF



FF92A3

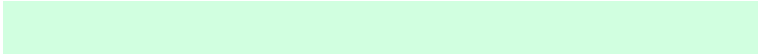


# Sweetspot

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



59E185



D1FFE0



B6E159



63806D



000000



808080



# Same Dimension

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



59E185



45FF81



59E1C8



657069



00B039



003010



# Inverse Universe

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



E159B5



FF45C3



E15972



70656D



B00077

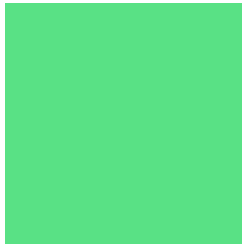


300021



# Previews

## White Background



This preview shows how the Hex color 59E185 looks on a white background.

## Color Contrast Check

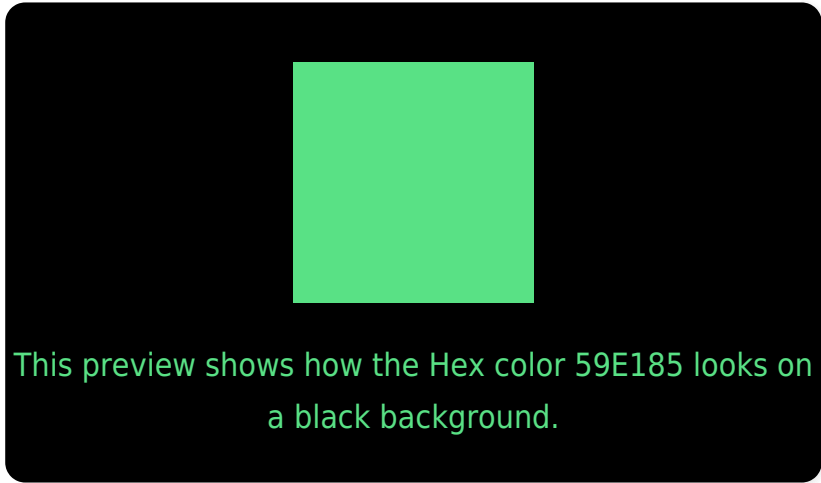
Large Text (above 18pt) WCAG AA × Fail

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

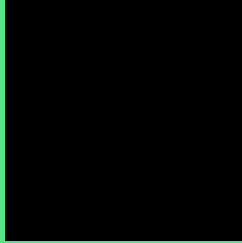
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 59E185 Background



This preview shows how black text looks on a background with the Hex color 59E185.

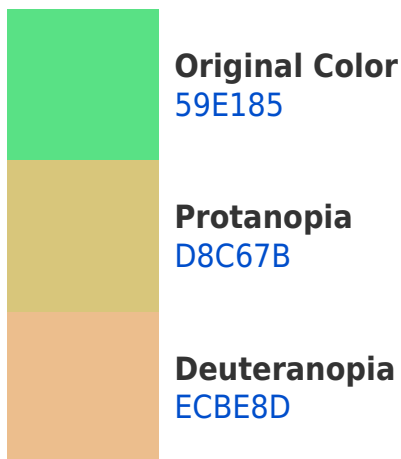


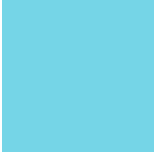
This preview shows how white text looks on a background with the Hex color 59E185.

# 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**  
75D5E7

# Trichromacy



**Original Color**  
59E185



**Protanomaly**  
AAD07F



**Deuteranomaly**  
B7CB8A



**Tritanomaly**  
6BD9C3

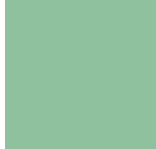
# Monochromacy



**Original Color**  
59E185



**Achromatopsia**  
AEAEAE



**Achromatomaly**  
8FC19F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59E185 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 #59E185 looks like.

```
.text, #text, p{  
    color:#59E185  
}
```

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 #59E185 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59E185
}
```

## Border

The CSS property to change the border of an element to Hex 59E185 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
#59E185 }
```

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

```
.border{ border-color:#59E185 }
```

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

Here you see how a box with a 4 pixel #59E185 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59E185; -webkit-box-shadow:4px 4px  
4px 4px #59E185; box-shadow:4px 4px 4px  
4px #59E185 }
```

# Background

The CSS property to change the background color of an element to Hex 59E185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59E185 }
```

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

```
.background{ background-color:#59E185 }
```

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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