

# Converting Colors

Hex(59E581)

Have a look what the booklet for  
Hex(59E581) contains.

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# **Color**

**Hex(59E581)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59E581
RGB	89, 229, 129
RGB Percent	35%, 90%, 51%
CMY	0.6510, 0.1020, 0.4941
CMYK	0.61, 0.00, 0.44, 0.10
HSL	137°, 73%, 62%
HSV	137°, 61%, 90%
XYZ	36.1016, 59.7474, 30.3985
YIQ	175.7400, -51.3400, -60.7800

# Conversions

## Conversions Part 2

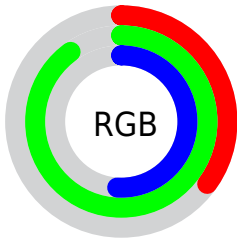
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 198, 229
Decimal	5891457
CIELab	81.70, -59.02, 37.73
CIELCh	82, 70.052, 147.408
Yxy	59.7474, 0.2860, 0.4733
Android (android.graphics.Color)	4284081537 (0xFF59E581)
YUV	175.7400, -23.0428, -76.0710
Hunter-Lab	77.2965, -51.8998, 30.7904

# Details

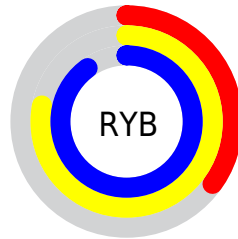
The Hex color **59E581** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **E559BD**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **97FFB7**, and **00AC4E** is the 20% darker color. If you saturate the color by 10%, you get **42E571**, and if you desaturate by 10%, it is **70E591**.

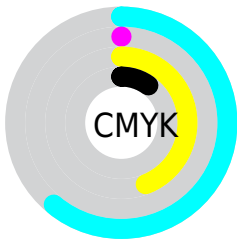
# Distribution



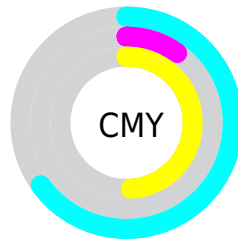
- Red (35%)
- Green (90%)
- Blue (51%)



- Red (35%)
- Yellow (78%)
- Blue (90%)



- Cyan (61%)
- Magenta (0%)
- Yellow (44%)
- Black (10%)



- Cyan (65%)
- Magenta (10%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59E581 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 59E581 by changing the saturation by 10% instead.



 59E581

 59E581

FFFFFF

 36C867

 97FFB7

 00AC4E

 B5FFD3

 009135

 D3FFF0

 00761C

 F1FFFF

 005C00

 004300

 002C00

 000C00

 000000

 59E581

 59E581

 42E571

 70E591

 2BE560

 87E5A2

 14E550

 9EE5B2

 00E541

 B5E5C2

 CCE5D3

 E2E5E3

 F9E5F4

 FFE5FF

# Harmonies

## Analogous

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



B3D94E



59E581



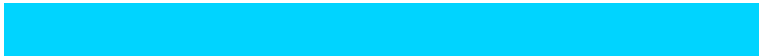
00EBC3

# Triad

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



59E581



00D4FF



FF9692

# Complementary

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



59E581



E559BD

# 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.



FF8FD4



59E581



C3BCFF

# Square

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



59E581



00E4FF



FFA1FF



FFAD5C

# Rectangle

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



59E581



00EBF0



FFA1FF



FF91A7

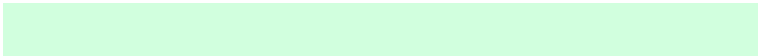


# Sweetspot

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



59E581



D1FFDE



BDE559



63806B



000000



808080



# Same Dimension

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



59E581



45FF7A



59E5C7



67736B



00B333



00330F



# Inverse Universe

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



E559BD



FF45CA



E55977



73676F



B30080

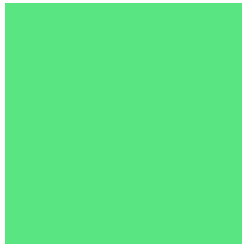


330024



# Previews

## White Background



This preview shows how the Hex color 59E581 looks on a white background.

## Color Contrast Check

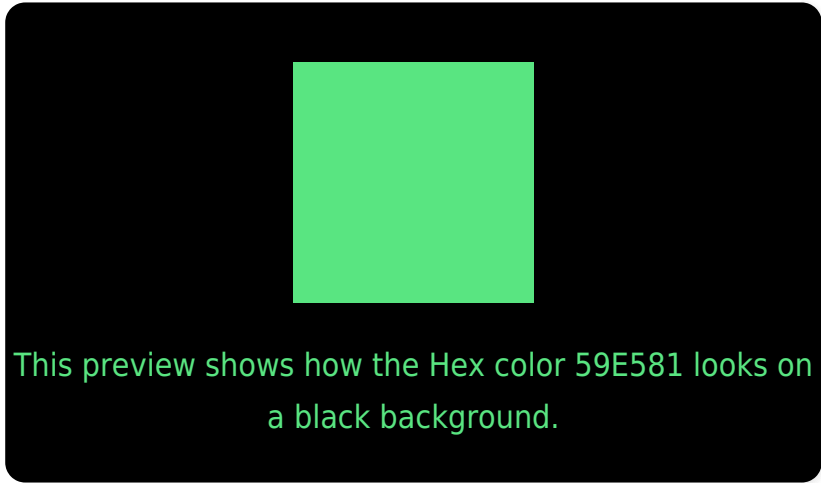
Large Text (above 18pt) WCAG AA × Fail

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

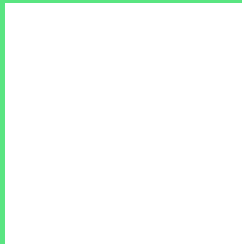
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 59E581 Background



This preview shows how black text looks on a background with the Hex color 59E581.

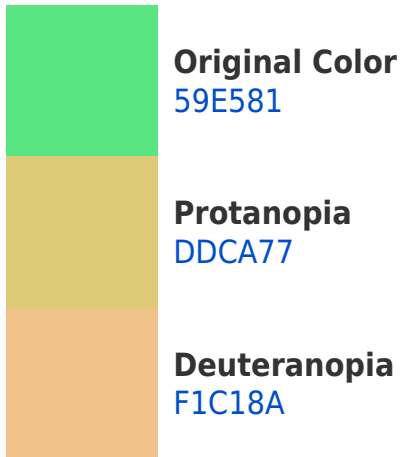


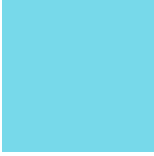
This preview shows how white text looks on a background with the Hex color 59E581.

# 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



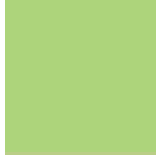


**Tritanopia**  
77D9EA

# Trichromacy



**Original Color**  
59E581



**Protanomaly**  
ADD47B



**Deuteranomaly**  
BACE87



**Tritanomaly**  
6CDDC4

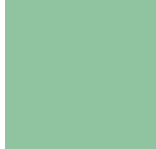
# Monochromacy



**Original Color**  
59E581



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
90C39F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59E581 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 #59E581 looks like.

```
.text, #text, p{  
    color:#59E581  
}
```

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 #59E581 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59E581
}
```

## Border

The CSS property to change the border of an element to Hex 59E581 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
#59E581 }
```

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

```
.border{ border-color:#59E581 }
```

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

Here you see how a box with a 4 pixel #59E581 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59E581; -webkit-box-shadow:4px 4px  
4px 4px #59E581; box-shadow:4px 4px 4px  
4px #59E581 }
```

# Background

The CSS property to change the background color of an element to Hex 59E581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59E581 }
```

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

```
.background{ background-color:#59E581 }
```

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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