

Converting Colors

Hex(59B87F)

Have a look what the booklet for
Hex(59B87F) contains.

Hex(59B87F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(59B87F)

Conversions

Conversions Part 1

Format	Color
Hex	59B87F
RGB	89, 184, 127
RGB Percent	35%, 72%, 50%
CMY	0.6510, 0.2784, 0.5020
CMYK	0.52, 0.00, 0.31, 0.28
HSL	144°, 40%, 54%
HSV	144°, 52%, 72%
XYZ	25.0911, 37.9371, 26.0788
YIQ	149.0970, -38.3230, -37.8670

Conversions

Conversions Part 2

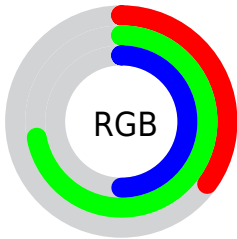
Format	Color
RYB	89, 157, 184
Decimal	5879935
CIELab	67.97, -41.21, 20.58
CIELCh	68, 46.062, 153.465
Yxy	37.9371, 0.2816, 0.4257
Android (android.graphics.Color)	4284070015 (0xFF59B87F)
YUV	149.0970, -10.8938, -52.7051
Hunter-Lab	61.5931, -35.0728, 18.0115

Details

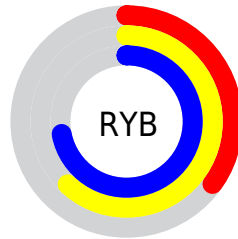
The Hex color **59B87F** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B85992**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **91F1B4**, and **1B824D** is the 20% darker color. If you saturate the color by 10%, you get **47B874**, and if you desaturate by 10%, it is **6BB88A**.

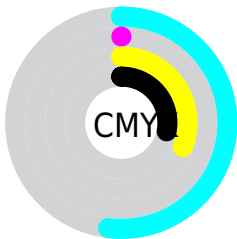
Distribution



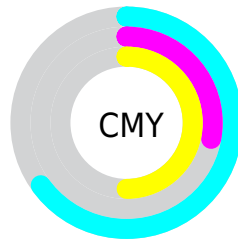
- Red (35%)
- Green (72%)
- Blue (50%)



- Red (35%)
- Yellow (62%)
- Blue (72%)



- Cyan (52%)
- Magenta (0%)
- Yellow (31%)
- Black (28%)



- Cyan (65%)
- Magenta (28%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59B87F 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 59B87F by changing the saturation by 10% instead.

 59B87F

 59B87F

FFFFFF

 3C9D66

 91F1B4

 1B824D

 ADFFD0

 006836

 CAFFEC

 004F20

 E7FFFF

 00370A

 002300

 000000

 59B87F

 59B87F

 47B874

 6BB88A

 34B869

 7EB895

 22B85E

 90B8A0

 0FB853

 A3B8AB

 00B84A

 B5B8B6

 C7B8C1

 DAB8CC

 ECB8D7

 FFB8E2

Harmonies

Analogous

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



8FB15E



59B87F



00BBA9

Triad

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



59B87F



69A8F8



F1897A

Complementary

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



59B87F



B85992

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.



F383A2



59B87F



B099EB

Square

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



59B87F



00B4EF



DD8ACC



DD965C

Rectangle

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



59B87F



00BBC5



DD8ACC



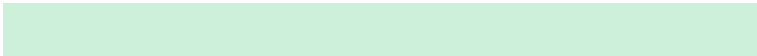
F48687

Sweetspot

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



59B87F



CCF0DA



92B859



62786B



F7F7F7



787878

Same Dimension

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



59B87F



5BF097



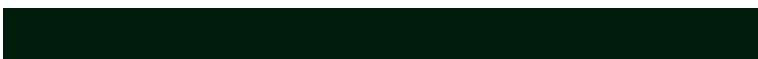
59B8AE



535C56



009C3E



001C0B

Inverse Universe

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



B85992



F05BB4



B85963



5C5358



9C005D



1C0011

Previews

White Background



This preview shows how the Hex color 59B87F looks on a white background.

Color Contrast Check

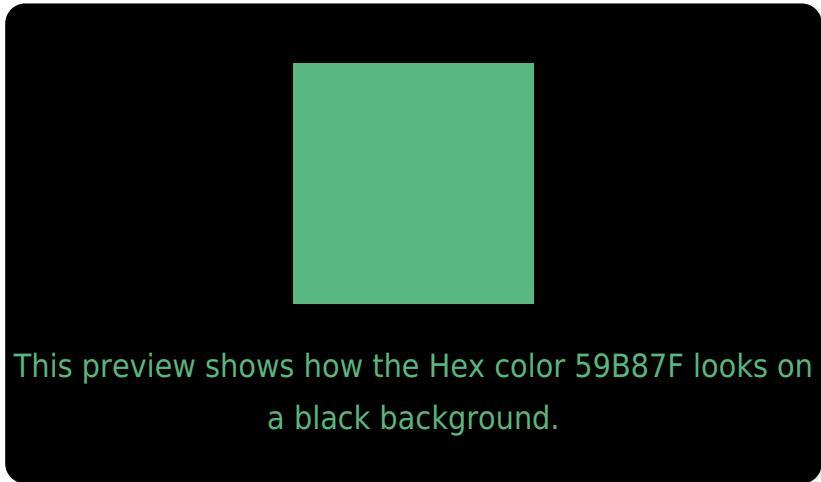
Large Text (above 18pt) WCAG AA × Fail

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

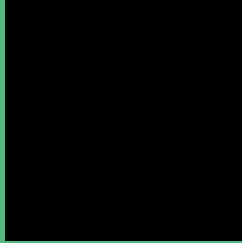
Any Text WCAG AA ✓ Pass

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 59B87F Background



This preview shows how black text looks on a background with the Hex color 59B87F.



This preview shows how white text looks on a background with the Hex color 59B87F.

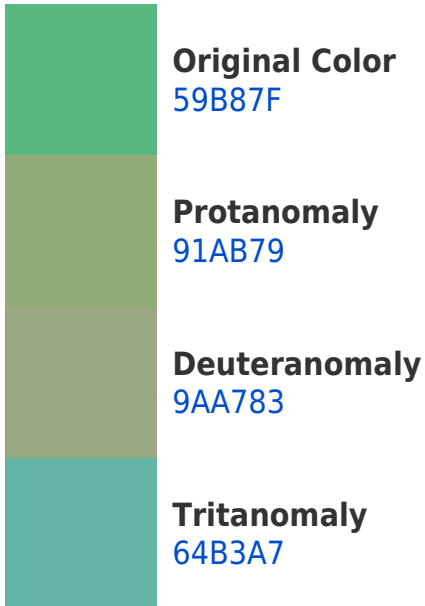
Color Blindness Simulation

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](#).

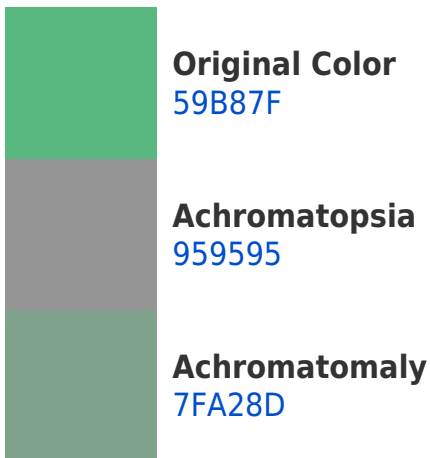
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59B87F 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 #59B87F looks like.

```
.text, #text, p{  
    color:#59B87F  
}
```

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 #59B87F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59B87F
}
```

Border

The CSS property to change the border of an element to Hex 59B87F 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
#59B87F }
```

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

```
.border{ border-color:#59B87F }
```

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

Here you see how a box with a 4 pixel #59B87F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59B87F; -webkit-box-shadow:4px 4px  
4px 4px #59B87F; box-shadow:4px 4px 4px  
4px #59B87F }
```

Background

The CSS property to change the background color of an element to Hex 59B87F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59B87F }
```

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

```
.background{ background-color:#59B87F }
```

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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