

Converting Colors

Hex(59B27A)

Have a look what the booklet for
Hex(59B27A) contains.

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Color

Hex(59B27A)

Conversions

Conversions Part 1

Format	Color
Hex	59B27A
RGB	89, 178, 122
RGB Percent	35%, 70%, 48%
CMY	0.6510, 0.3020, 0.5216
CMYK	0.50, 0.00, 0.31, 0.30
HSL	142°, 37%, 52%
HSV	142°, 50%, 70%
XYZ	23.5531, 35.3698, 23.9980
YIQ	145.0050, -35.0680, -36.2840

Conversions

Conversions Part 2

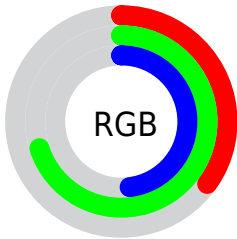
Format	Color
RYB	89, 154, 178
Decimal	5878394
CIELab	66.04, -39.55, 20.63
CIELCh	66, 44.604, 152.449
Yxy	35.3698, 0.2840, 0.4265
Android (android.graphics.Color)	4284068474 (0xFF59B27A)
YUV	145.0050, -11.3415, -49.1164
Hunter-Lab	59.4725, -33.3850, 17.7064

Details

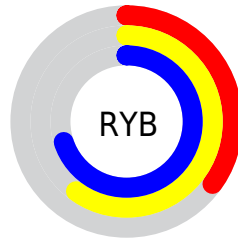
The Hex color **59B27A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B25991**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **90EAAF**, and **1E7D49** is the 20% darker color. If you saturate the color by 10%, you get **47B26F**, and if you desaturate by 10%, it is **6BB285**.

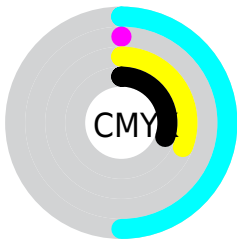
Distribution



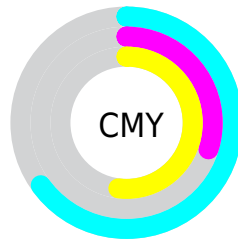
- Red (35%)
- Green (70%)
- Blue (48%)



- Red (35%)
- Yellow (60%)
- Blue (70%)



- Cyan (50%)
- Magenta (0%)
- Yellow (31%)
- Black (30%)



- Cyan (65%)
- Magenta (30%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59B27A 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 59B27A by changing the saturation by 10% instead.

 59B27A

 59B27A

FFFFFF

 3D9761

 90EAAF

 1E7D49

 ACFFCA

 006332

 C9FFE6

 004A1C

 E6FFFF

 003304

 001D00

 000000

 59B27A

 59B27A

 47B26F

 6BB285

 35B264

 7DB290

 24B258

 8EB29C

 12B24D

 A0B2A7

 00B242

 B2B2B2

 C4B2BD

 D6B2C8

 E7B2D4

 F9B2DF

Harmonies

Analogous

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



8CAB5B



59B27A



00B5A3

Triad

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



59B27A



64A4F0



EA8478

Complementary

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



59B27A



B25991

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.



EB7F9F



59B27A



A895E4

Square

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



59B27A



00AEE7



D586C6



D6915A

Rectangle

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



59B27A



00B5BE



D586C6



EC8184

Sweetspot

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



59B27A



C5E8D2



91B259



607568



F5F5F5



757575

Same Dimension

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



59B27A



5DE890



59B2A6



505954



009939



001A09

Inverse Universe

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



B25991



E85DB4



B25965



595056



990060



1A0010

Previews

White Background



This preview shows how the Hex color 59B27A looks on a white background.

Color Contrast Check

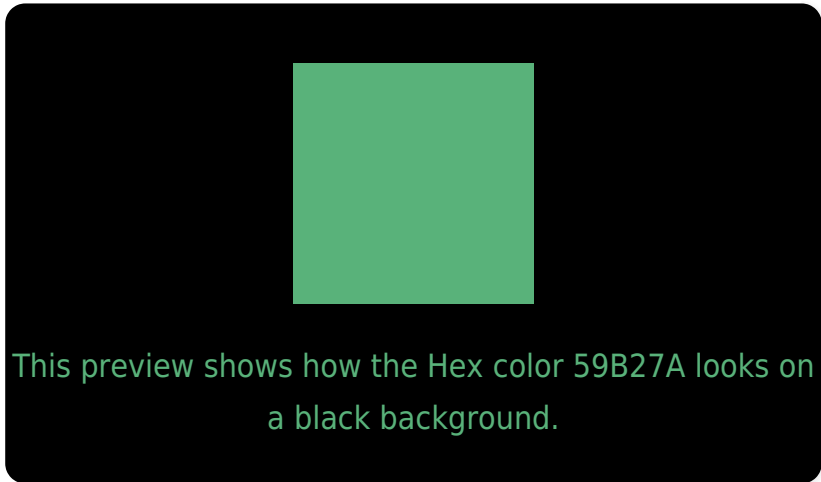
Large Text (above 18pt) WCAG AA × Fail

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 59B27A Background



This preview shows how black text looks on a background with the Hex color 59B27A.



This preview shows how white text looks on a background with the Hex color 59B27A.

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



Original Color
59B27A

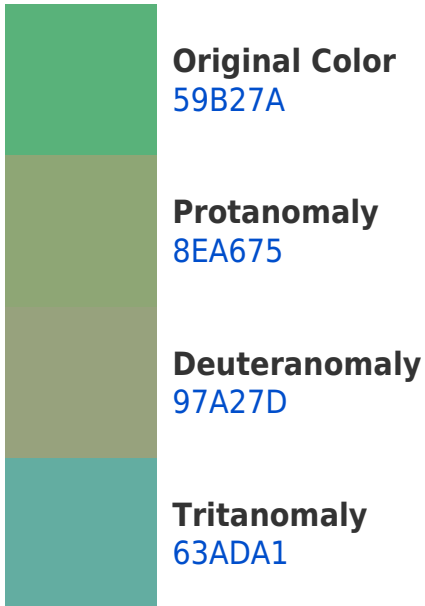
Protanopia
AC9F72

Deuteranopia
BA997F

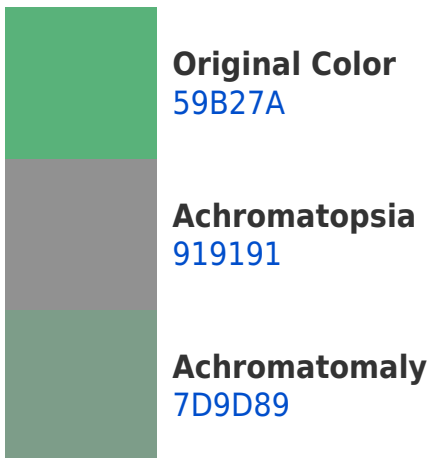


Tritanopia
69AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59B27A 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 #59B27A looks like.

```
.text, #text, p{  
    color:#59B27A  
}
```

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 #59B27A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59B27A
}
```

Border

The CSS property to change the border of an element to Hex 59B27A 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
#59B27A }
```

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

```
.border{ border-color:#59B27A }
```

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

Here you see how a box with a 4 pixel #59B27A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59B27A; -webkit-box-shadow:4px 4px  
4px 4px #59B27A; box-shadow:4px 4px 4px  
4px #59B27A }
```

Background

The CSS property to change the background color of an element to Hex 59B27A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59B27A }
```

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

```
.background{ background-color:#59B27A }
```

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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