

Converting Colors

Hex(50B27A)

Have a look what the booklet for
Hex(50B27A) contains.

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Color

Hex(50B27A)

Conversions

Conversions Part 1

Format	Color
Hex	50B27A
RGB	80, 178, 122
RGB Percent	31%, 70%, 48%
CMY	0.6863, 0.3020, 0.5216
CMYK	0.55, 0.00, 0.31, 0.30
HSL	146°, 39%, 51%
HSV	146°, 55%, 70%
XYZ	22.7415, 34.9514, 23.9600
YIQ	142.3140, -40.4320, -38.1920

Conversions

Conversions Part 2

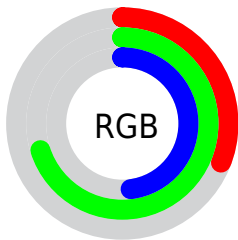
Format	Color
RYB	80, 149, 178
Decimal	5288570
CIELab	65.71, -41.80, 20.13
CIELCh	66, 46.393, 154.278
Yxy	34.9514, 0.2785, 0.4280
Android (android.graphics.Color)	4283478650 (0xFF50B27A)
YUV	142.3140, -10.0148, -54.6494
Hunter-Lab	59.1197, -34.7961, 17.3547

Details

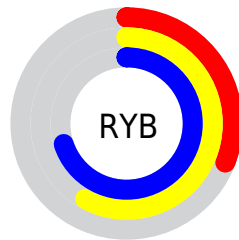
The Hex color **50B27A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B25088**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **88EAAF**, and **097C49** is the 20% darker color. If you saturate the color by 10%, you get **3EB270**, and if you desaturate by 10%, it is **62B284**.

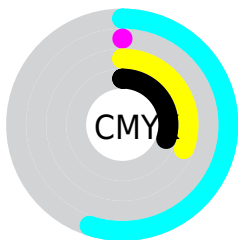
Distribution



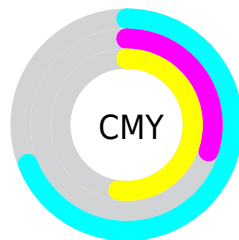
- Red (31%)
- Green (70%)
- Blue (48%)



- Red (31%)
- Yellow (58%)
- Blue (70%)



- Cyan (55%)
- Magenta (0%)
- Yellow (31%)
- Black (30%)



- Cyan (69%)
- Magenta (30%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50B27A 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 50B27A by changing the saturation by 10% instead.

 50B27A

 50B27A


FFFFFF

 329761

 88EAAF

 097C49

 A5FFCA

 006332

 C1FFE6

 004A1C

 DEFFFF

 003204

 FCFFFF

 001C00

 000000

 50B27A

 50B27A

 3EB270

 62B284

 2CB266

 74B28E

 1BB25B

 85B299

 09B251

 97B2A3

 00B24C

 A9B2AD

 BBB2B7

 CDB2C1

 DEB2CB

 F0B2D6

Harmonies

Analogous

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



87AB58



50B27A



00B5A4

Triad

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



50B27A



64A2F2



EB8373

Complementary

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



50B27A



B25088

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.



ED7D9B



50B27A



AB92E5

Square

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



50B27A



00ADEA



D883C4



D59055

Rectangle

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



50B27A



00B5C0



D883C4



EE7F80

Sweetspot

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



50B27A



C1E8D2



89B250



5E7568



F5F5F5



757575

Same Dimension

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



50B27A



4FE891



50B2AA



505954



009942



001A0B

Inverse Universe

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



B25088



E84FA6



B25058



595055



990057



1A000F

Previews

White Background



This preview shows how the Hex color 50B27A looks on a white background.

Color Contrast Check

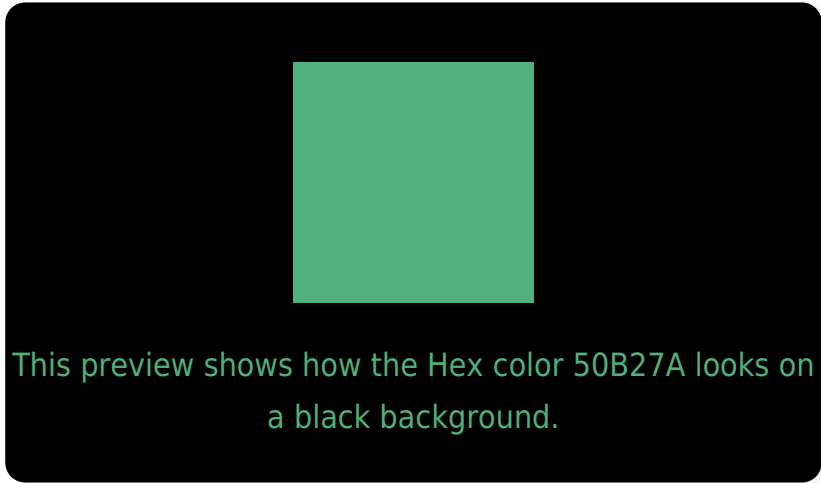
Large Text (above 18pt) WCAG AA × Fail

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

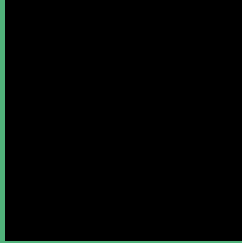
Any Text WCAG AA ✓ Pass

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 50B27A Background



This preview shows how black text looks on a background with the Hex color 50B27A.

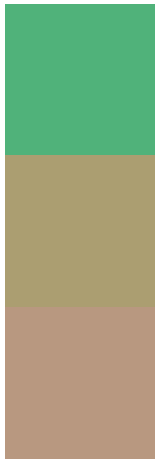


This preview shows how white text looks on a background with the Hex color 50B27A.

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
50B27A

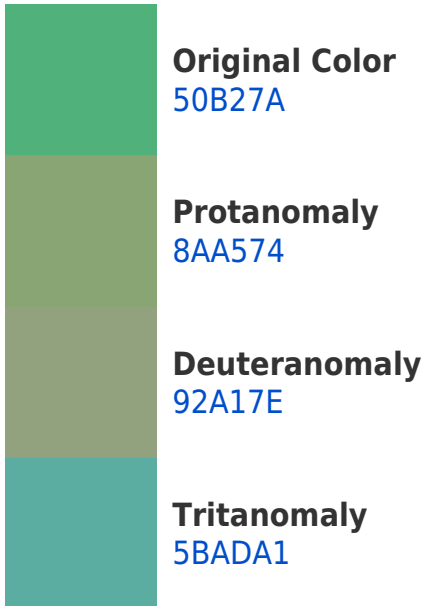
Protanopia
AB9E71

Deuteranopia
B89880



Tritanopia
62AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50B27A 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 #50B27A looks like.

```
.text, #text, p{  
    color:#50B27A  
}
```

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 #50B27A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50B27A
}
```

Border

The CSS property to change the border of an element to Hex 50B27A 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
#50B27A }
```

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

```
.border{ border-color:#50B27A }
```

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

Here you see how a box with a 4 pixel #50B27A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50B27A; -webkit-box-shadow:4px 4px  
4px 4px #50B27A; box-shadow:4px 4px 4px  
4px #50B27A }
```

Background

The CSS property to change the background color of an element to Hex 50B27A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50B27A }
```

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

```
.background{ background-color:#50B27A }
```

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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