

# Converting Colors

Hex(52B27D)

Have a look what the booklet for  
Hex(52B27D) contains.

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**Color**

**Hex(52B27D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52B27D
RGB	82, 178, 125
RGB Percent	32%, 70%, 49%
CMY	0.6784, 0.3020, 0.5098
CMYK	0.54, 0.00, 0.30, 0.30
HSL	147°, 38%, 51%
HSV	147°, 54%, 70%
XYZ	23.1017, 35.1153, 24.9624
YIQ	143.2540, -40.2030, -36.8350

# Conversions

## Conversions Part 2

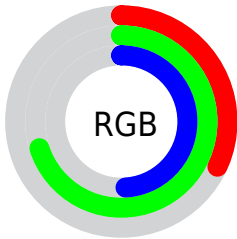
Format	Color
<a href="#">RYB</a>	<a href="#">82, 148, 178</a>
Decimal	<a href="#">5419645</a>
CIELab	<a href="#">65.84, -40.71, 18.69</a>
CIELCh	<a href="#">66, 44.801, 155.338</a>
Yxy	<a href="#">35.1153, 0.2777, 0.4222</a>
Android (android.graphics.Color)	<a href="#">4283609725 (0xFF52B27D)</a>
YUV	<a href="#">143.2540, -8.9992, -53.7198</a>
Hunter-Lab	<a href="#">59.2582, -34.1137, 16.5049</a>

# Details

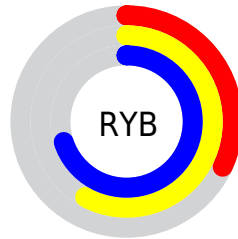
The Hex color **52B27D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B25287**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **8AEAB2**, and **0F7C4C** is the 20% darker color. If you saturate the color by 10%, you get **40B273**, and if you desaturate by 10%, it is **64B287**.

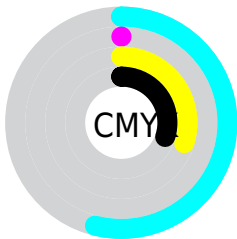
# Distribution



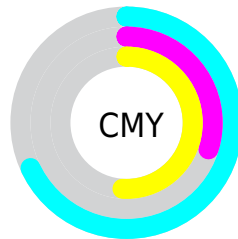
- Red (32%)
- Green (70%)
- Blue (49%)



- Red (32%)
- Yellow (58%)
- Blue (70%)



- Cyan (54%)
- Magenta (0%)
- Yellow (30%)
- Black (30%)



- Cyan (68%)
- Magenta (30%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52B27D 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 52B27D by changing the saturation by 10% instead.



 52B27D

 52B27D

FFFFFF

 359764

 8AEAB2

 0F7C4C

 A6FFCD

 006335

 C3FFEA

 004A1F

 E0FFFF

 003308

FEFFFF

 001D00

 000000

 52B27D

 52B27D

 40B273

 64B287

 2EB269

 76B291

 1DB260

 87B29A

 0BB256

 99B2A4

 00B250

 ABB2AE

 BDB2B8

 CFB2C2

 E0B2CC

 F2B2D5

# Harmonies

## Analogous

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



87AB5C



52B27D



00B5A6

# Triad

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



52B27D



6BA2F0



E88574

# Complementary

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



52B27D



B25287

# 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.



EB7F9A



52B27D



AD93E2

# Square

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



52B27D



00ADE8



D885C2



D39257

# Rectangle

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



52B27D



00B4C1



D885C2



EC8180



# Sweetspot

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



52B27D



C3E8D4



88B252



5F7569



F5F5F5



757575



# Same Dimension

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



52B27D



51E895



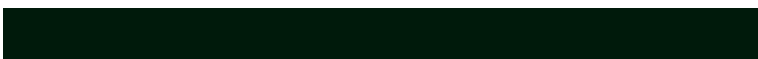
52B2AC



505954



009945



001A0B



# Inverse Universe

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



B25287



E851A4



B25258



595055



990054



1A000E



# Previews

## White Background



This preview shows how the Hex color 52B27D looks on a white background.

## Color Contrast Check

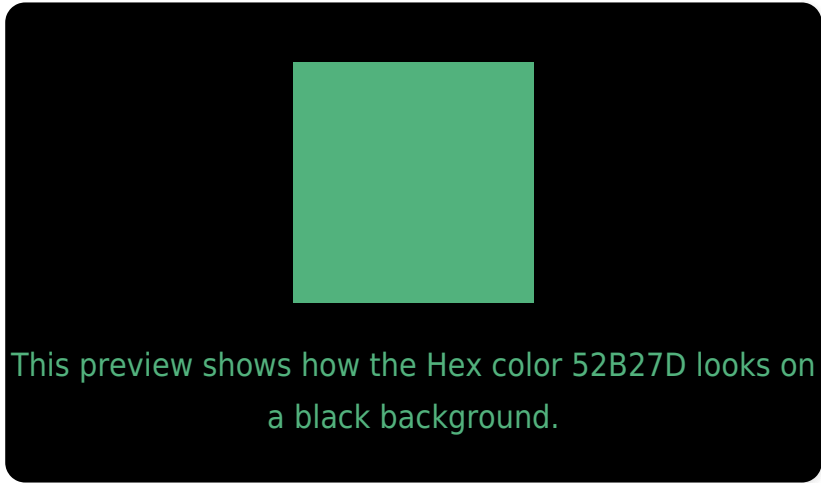
Large Text (above 18pt) WCAG AA × Fail

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

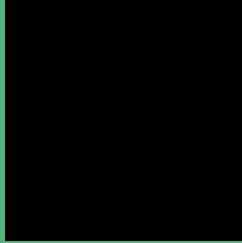
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 52B27D Background



This preview shows how black text looks on a background with the Hex color 52B27D.

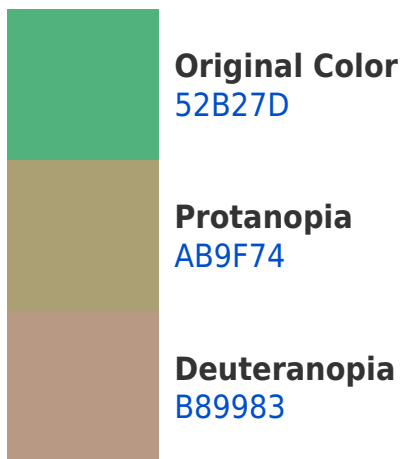


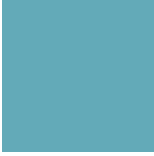
This preview shows how white text looks on a background with the Hex color 52B27D.

# 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](#).

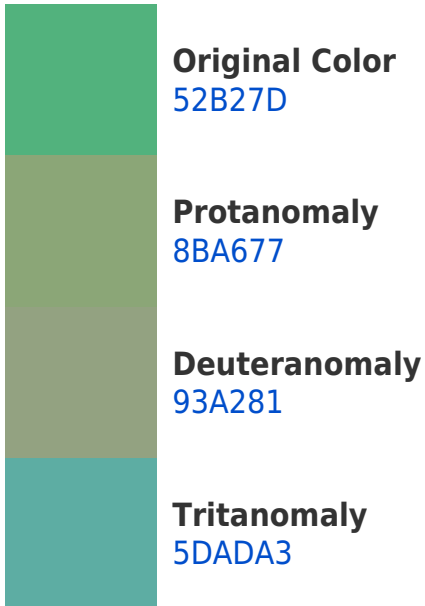
## Dichromacy



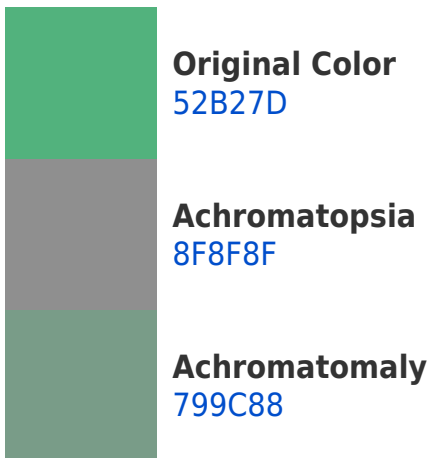


**Tritanopia**  
63AAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52B27D 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 #52B27D looks like.

```
.text, #text, p{  
    color:#52B27D  
}
```

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 #52B27D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52B27D
}
```

## Border

The CSS property to change the border of an element to Hex 52B27D 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
#52B27D }
```

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

```
.border{ border-color:#52B27D }
```

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

Here you see how a box with a 4 pixel #52B27D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52B27D; -webkit-box-shadow:4px 4px  
4px 4px #52B27D; box-shadow:4px 4px 4px  
4px #52B27D }
```

# Background

The CSS property to change the background color of an element to Hex 52B27D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52B27D }
```

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

```
.background{ background-color:#52B27D }
```

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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