

# Converting Colors

Hex(52B279)

Have a look what the booklet for  
Hex(52B279) contains.

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**Color**

**Hex(52B279)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52B279
RGB	82, 178, 121
RGB Percent	32%, 70%, 47%
CMY	0.6784, 0.3020, 0.5255
CMYK	0.54, 0.00, 0.32, 0.30
HSL	144°, 38%, 51%
HSV	144°, 54%, 70%
XYZ	22.8513, 35.0151, 23.6434
YIQ	142.7980, -38.9190, -38.0790

# Conversions

## Conversions Part 2

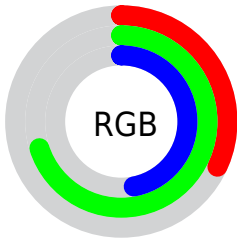
Format	Color
<a href="#">RYB</a>	<a href="#">82, 150, 178</a>
Decimal	<a href="#">5419641</a>
CIELab	<a href="#">65.76, -41.51, 20.75</a>
CIELCh	<a href="#">66, 46.410, 153.436</a>
Yxy	<a href="#">35.0151, 0.2804, 0.4296</a>
Android (android.graphics.Color)	<a href="#">4283609721 (0xFF52B279)</a>
YUV	<a href="#">142.7980, -10.7464, -53.3198</a>
Hunter-Lab	<a href="#">59.1736, -34.6218, 17.7316</a>

# Details

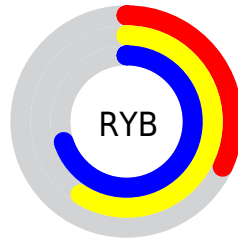
The Hex color **52B279** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B2528B**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **8AEAAE**, and **0F7C48** is the 20% darker color. If you saturate the color by 10%, you get **40B26E**, and if you desaturate by 10%, it is **64B284**.

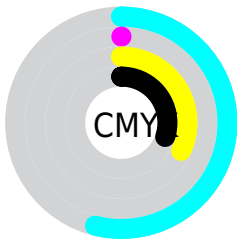
# Distribution



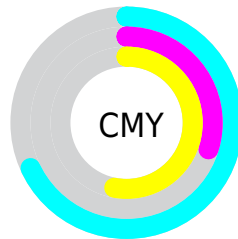
- Red (32%)
- Green (70%)
- Blue (47%)



- Red (32%)
- Yellow (59%)
- Blue (70%)



- Cyan (54%)
- Magenta (0%)
- Yellow (32%)
- Black (30%)



- Cyan (68%)
- Magenta (30%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52B279 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 52B279 by changing the saturation by 10% instead.





52B279



52B279

FFFFFF



359760



8AEAAE



0F7C48



A6FFC9



006331



C3FFE5



004A1B



E0FFFF



003203

FEFFFF



001D00



000000



52B279



52B279



40B26E



64B284

 2EB264

 76B28E

 1DB259

 87B299

 0BB24F

 99B2A3

 00B248

 ABB2AE

 BDB2B8

 CFB2C3

 E0B2CE

 F2B2D8

# Harmonies

## Analogous

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



89AB58



52B279



00B5A3

# Triad

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



52B279



61A2F3



EB8274

# Complementary

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



52B279



B2528B

# 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.



ED7D9D



52B279



A993E5

# Square

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



52B279



00AEE9



D784C6



D69056

# Rectangle

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



52B279



00B5C0



D784C6



EE7F81



# Sweetspot

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



52B279



C3E8D2



8CB252



5F7568



F5F5F5



757575



# Same Dimension

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



52B279



51E88E



52B2A8



505954



00993E



001A0A



# Inverse Universe

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



B2528B



E851AB



B2525C



595056



99005B



1A000F



# Previews

## White Background



This preview shows how the Hex color 52B279 looks on a white background.

## Color Contrast Check

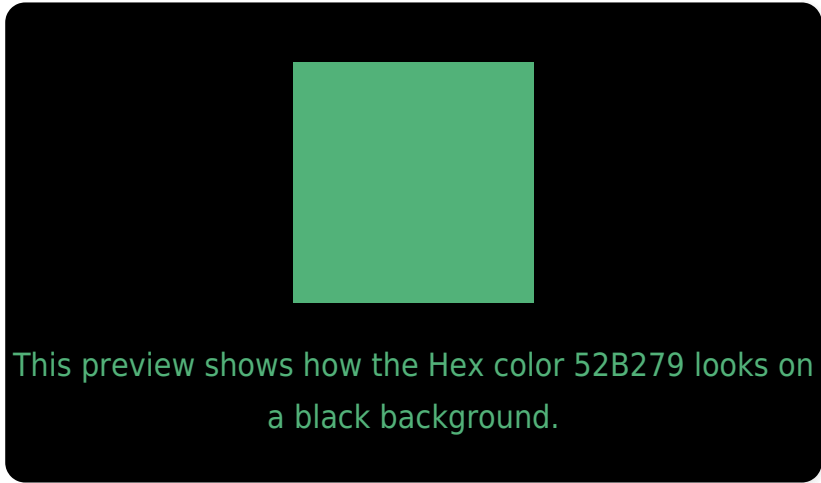
Large Text (above 18pt) WCAG AA × Fail

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

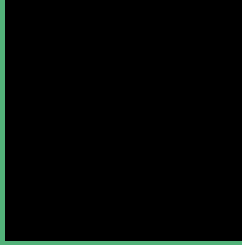
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 52B279 Background



This preview shows how black text looks on a background with the Hex color 52B279.

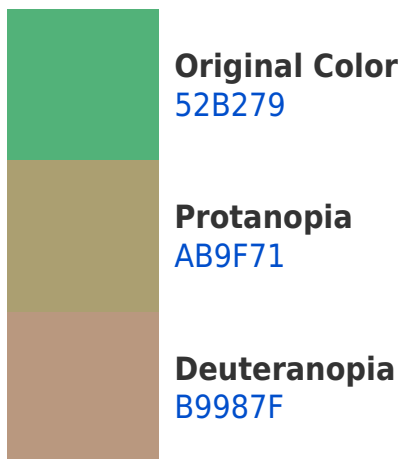


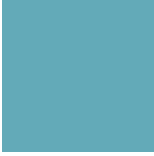
This preview shows how white text looks on a background with the Hex color 52B279.

# 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



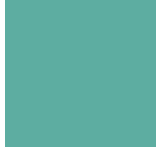
**Original Color**  
52B279



**Protanomaly**  
8BA674



**Deuteranomaly**  
94A17D



**Tritanomaly**  
5DADA1

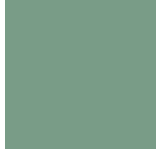
# Monochromacy



**Original Color**  
52B279



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
799C87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52B279 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 #52B279 looks like.

```
.text, #text, p{  
    color:#52B279  
}
```

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 #52B279 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52B279
}
```

## Border

The CSS property to change the border of an element to Hex 52B279 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
#52B279 }
```

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

```
.border{ border-color:#52B279 }
```

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

Here you see how a box with a 4 pixel #52B279 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52B279; -webkit-box-shadow:4px 4px  
4px 4px #52B279; box-shadow:4px 4px 4px  
4px #52B279 }
```

# Background

The CSS property to change the background color of an element to Hex 52B279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52B279 }
```

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

```
.background{ background-color:#52B279 }
```

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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