

Converting Colors

Hex(2BB279)

Have a look what the booklet for
Hex(2BB279) contains.

Hex(2BB279)	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(2BB279)

Conversions

Conversions Part 1

Format	Color
Hex	2BB279
RGB	43, 178, 121
RGB Percent	17%, 70%, 47%
CMY	0.8314, 0.3020, 0.5255
CMYK	0.76, 0.00, 0.32, 0.30
HSL	155°, 61%, 43%
HSV	155°, 76%, 70%
XYZ	20.3678, 33.7349, 23.5271
YIQ	131.1370, -62.1630, -46.3470

Conversions

Conversions Part 2

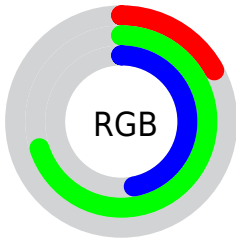
Format	Color
RYB	43, 129, 178
Decimal	2863737
CIELab	64.75, -48.86, 19.21
CIELCh	65, 52.501, 158.534
Yxy	33.7349, 0.2624, 0.4346
Android (android.graphics.Color)	4281053817 (0xFF2BB279)
YUV	131.1370, -4.9975, -77.2961
Hunter-Lab	58.0817, -39.0474, 16.6406

Details

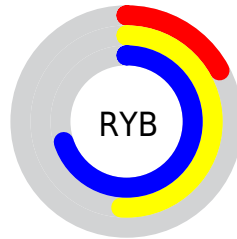
The Hex color **2BB279** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B22B64**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **6DEBAE**, and **007C48** is the 20% darker color. If you saturate the color by 10%, you get **19B271**, and if you desaturate by 10%, it is **3DB281**.

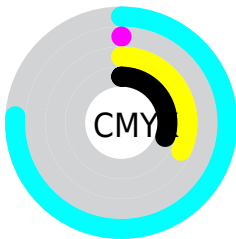
Distribution



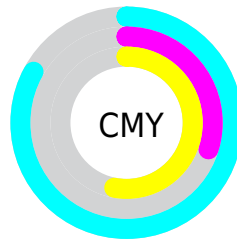
- Red (17%)
- Green (70%)
- Blue (47%)



- Red (17%)
- Yellow (51%)
- Blue (70%)



- Cyan (76%)
- Magenta (0%)
- Yellow (32%)
- Black (30%)



- Cyan (83%)
- Magenta (30%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BB279 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 2BB279 by changing the saturation by 10% instead.



2BB279



2BB279

FFFFFF



009760



6DEBAE



007C48



8BFFC9



006231



A8FFE5



00491B



C6FFFF



003203



E4FFFF



001900



000000



2BB279



2BB279



19B271



3DB281

 07B26A

 4FB288

 00B267

 60B290

 72B297

 84B29F

 96B2A6

 A8B2AE

 B9B2B5

 CBB2BD

Harmonies

Analogous

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



79AB50



2BB279



00B5A9

Triad

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



2BB279



609EFA



EE7D65

Complementary

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



2BB279



B22B64

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.



F47491



2BB279



B28BE7

Square

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



2BB279



00ABF4



E17AC0



D38E44

Rectangle

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



2BB279



00B4C9



E17AC0



F27973

Sweetspot

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



2BB279



B3E8D2



66B22B



547567



F5F5F5



757575

Same Dimension

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



2BB279



15E88F



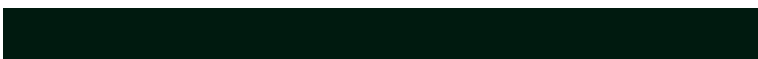
2BA9B2



505955



009958



001A0F

Inverse Universe

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



B22B64



E8156E



B2342B



595054



990041



1A000B

Previews

White Background



This preview shows how the Hex color 2BB279 looks on a white background.

Color Contrast Check

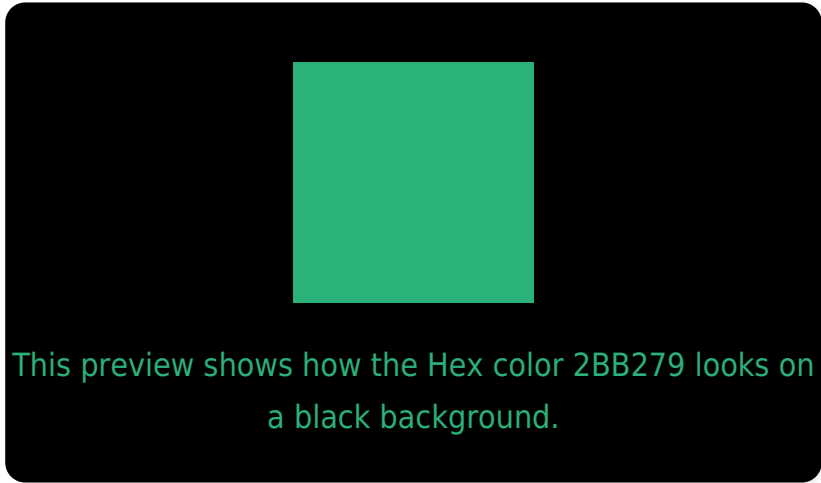
Large Text (above 18pt) WCAG AA × Fail

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 2BB279 Background



This preview shows how black text looks on a background with the Hex color 2BB279.



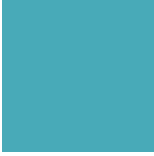
This preview shows how white text looks on a background with the Hex color 2BB279.

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



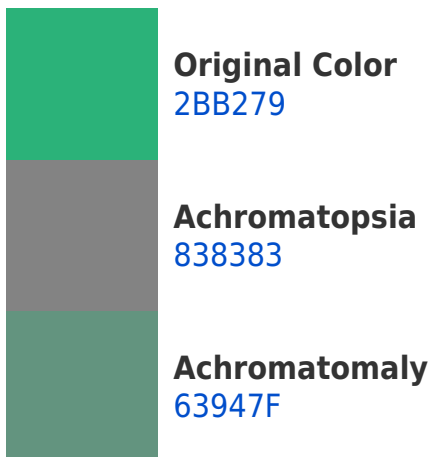


Tritanopia
48AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2BB279 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 #2BB279 looks like.

```
.text, #text, p{  
    color:#2BB279  
}
```

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 #2BB279 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BB279
}
```

Border

The CSS property to change the border of an element to Hex 2BB279 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
#2BB279 }
```

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

```
.border{ border-color:#2BB279 }
```

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

Here you see how a box with a 4 pixel #2BB279 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BB279; -webkit-box-shadow:4px 4px  
4px 4px #2BB279; box-shadow:4px 4px 4px  
4px #2BB279 }
```

Background

The CSS property to change the background color of an element to Hex 2BB279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BB279 }
```

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

```
.background{ background-color:#2BB279 }
```

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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