

# Converting Colors

Hex(2BA284)

Have a look what the booklet for  
Hex(2BA284) contains.

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# Color

Hex(2BA284)

# Conversions

## Conversions Part 1

Format	Color
Hex	2BA284
RGB	43, 162, 132
RGB Percent	17%, 64%, 52%
CMY	0.8314, 0.3647, 0.4824
CMYK	0.73, 0.00, 0.19, 0.36
HSL	165°, 58%, 40%
HSV	165°, 73%, 64%
XYZ	18.0814, 28.0202, 26.2852
YIQ	122.9990, -61.2940, -34.5580

# Conversions

## Conversions Part 2

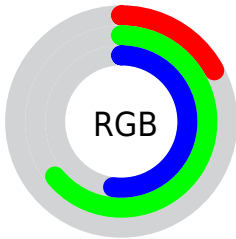
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	43, 111, 162
Decimal	2859652
CIE <sub>Lab</sub>	59.91, -39.62, 6.34
CIE <sub>LCh</sub>	60, 40.125, 170.906
Yxy	28.0202, 0.2498, 0.3871
Android (android.graphics.Color)	4281049732 (0xFF2BA284)
YUV	122.9990, 4.4375, -70.1591
Hunter-Lab	52.9341, -31.6619, 7.6125

# Details

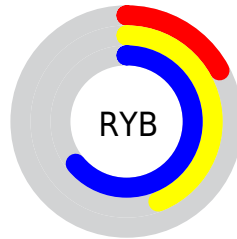
The Hex color **2BA284** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A22B49**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **6ADAB9**, and **006D53** is the 20% darker color. If you saturate the color by 10%, you get **1BA280**, and if you desaturate by 10%, it is **3BA288**.

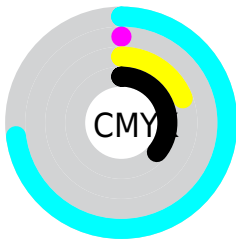
# Distribution



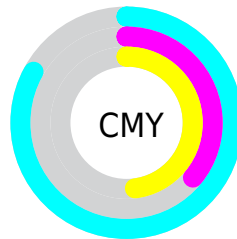
- Red (17%)
- Green (64%)
- Blue (52%)



- Red (17%)
- Yellow (44%)
- Blue (64%)



- Cyan (73%)
- Magenta (0%)
- Yellow (19%)
- Black (36%)



- Cyan (83%)
- Magenta (36%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2BA284 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 2BA284 by changing the saturation by 10% instead.



 2BA284

 2BA284

FFFFFF

 00876B

 6ADAB9

 006D53

 87F6D5

 00543C

 A4FFF1

 003C26

 C2FFFF

 002711

 DFFFFF

 000000

FDFFFF

 2BA284

 2BA284

 1BA280

 3BA288

0BA27C

4BA28C

00A279

5CA290

6CA294

7CA298

8CA29D

9CA2A1

ADA2A5

BDA2A9

# Harmonies

## Analogous

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



649E62



2BA284



00A2A8

# Triad

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



2BA284



838BD2



C97E5B

# Complementary

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



2BA284



A22B49

# 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.



D47579



2BA284



B27EBD

# Square

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



2BA284



3D97D6



CD759D



B08B4A

# Rectangle

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



2BA284



00A1BE



CD759D



CE7A64



# Sweetspot

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



2BA284



A5D4C8



4BA22B



4F6B64



EBEBEB



6B6B6B



# Same Dimension

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



2BA284



19D4A5



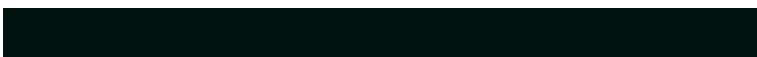
2B86A2



495250



00916D



00120D



# Inverse Universe

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



A22B49



D41948



A2472B



52494B



910025



120005



# Previews

## White Background



This preview shows how the Hex color 2BA284 looks on a white background.

## Color Contrast Check

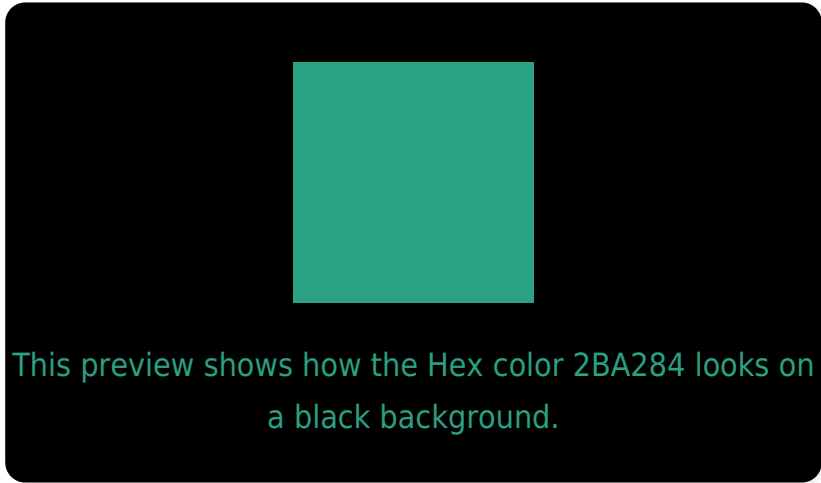
Large Text (above 18pt) WCAG AA ✓ Pass

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

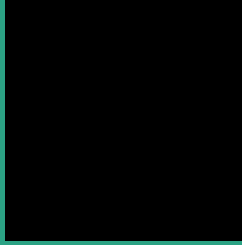
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2BA284 Background



This preview shows how black text looks on a background with the Hex color 2BA284.

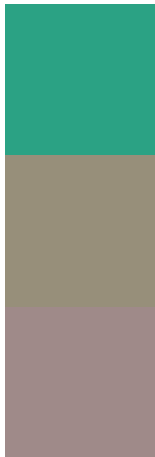


This preview shows how white text looks on a background with the Hex color 2BA284.

# 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](#).

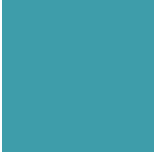
## Dichromacy



**Original Color**  
2BA284

**Protanopia**  
978F7A

**Deuteranopia**  
9F8A89



**Tritanopia**  
3E9DAA

# Trichromacy



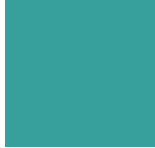
**Original Color**  
2BA284



**Protanomaly**  
70967E



**Deuteranomaly**  
759387



**Tritanomaly**  
379F9C

# Monochromacy



**Original Color**  
2BA284



**Achromatopsia**  
7B7B7B



**Achromatomaly**  
5E897E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2BA284 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 #2BA284 looks like.

```
.text, #text, p{  
    color:#2BA284  
}
```

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 #2BA284 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BA284
}
```

## Border

The CSS property to change the border of an element to Hex 2BA284 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
#2BA284 }
```

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

```
.border{ border-color:#2BA284 }
```

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

Here you see how a box with a 4 pixel #2BA284 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BA284; -webkit-box-shadow:4px 4px  
4px 4px #2BA284; box-shadow:4px 4px 4px  
4px #2BA284 }
```

# Background

The CSS property to change the background color of an element to Hex 2BA284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BA284 }
```

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

```
.background{ background-color:#2BA284 }
```

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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