

# Converting Colors

Hex(2EAB8C)

Have a look what the booklet for  
Hex(2EAB8C) contains.

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# Color

Hex(2EAB8C)

# Conversions

## Conversions Part 1

Format	Color
Hex	2EAB8C
RGB	46, 171, 140
RGB Percent	18%, 67%, 55%
CMY	0.8196, 0.3294, 0.4510
CMYK	0.73, 0.00, 0.18, 0.33
HSL	165°, 58%, 43%
HSV	165°, 73%, 67%
XYZ	20.4232, 31.6001, 29.8340
YIQ	130.0910, -64.5490, -36.1410

# Conversions

## Conversions Part 2

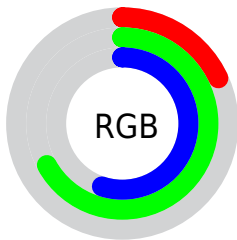
Format	Color
<a href="#">RYB</a>	<a href="#">46, 117, 171</a>
Decimal	<a href="#">3058572</a>
CIELab	<a href="#">63.01, -41.09, 6.32</a>
CIElCh	<a href="#">63, 41.570, 171.249</a>
Yxy	<a href="#">31.6001, 0.2495, 0.3860</a>
Android (android.graphics.Color)	<a href="#">4281248652 (0xFF2EAB8C)</a>
YUV	<a href="#">130.0910, 4.8851, -73.7478</a>
Hunter-Lab	<a href="#">56.2140, -33.5232, 7.8833</a>

# Details

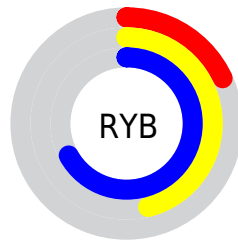
The Hex color **2EAB8C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AB2E4D**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **6EE3C2**, and **00765A** is the 20% darker color. If you saturate the color by 10%, you get **1DAB88**, and if you desaturate by 10%, it is **3FAB90**.

# Distribution



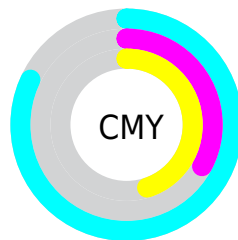
- Red (18%)
- Green (67%)
- Blue (55%)



- Red (18%)
- Yellow (46%)
- Blue (67%)



- Cyan (73%)
- Magenta (0%)
- Yellow (18%)
- Black (33%)



- Cyan (82%)
- Magenta (33%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2EAB8C 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 2EAB8C by changing the saturation by 10% instead.



 2EAB8C

 2EAB8C

FFFFFF

 009073

 6EE3C2

 00765A

 8CFFDD

 005C43

 A9FFFA

 00442C

 C6FFFF

 002D18

 E4FFFF

 001200

 000000

 2EAB8C

 2EAB8C

 1DAB88

 3FAB90

0CAB84

50AB94

00AB81

61AB99

72AB9D

84ABA1

95ABA5

A6ABAA

B7ABAE

C8ABB2

# Harmonies

## Analogous

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



6AA769



2EAB8C



00ABB2

# Triad

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



2EAB8C



8B93DD



D38560

# Complementary

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



2EAB8C



AB2E4D

# 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.



DF7C80



2EAB8C



BC85C7

# Square

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



2EAB8C



43A0E1



D87BA5



B9934E

# Rectangle

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



2EAB8C



00AAC8



D87BA5



D98169



# Sweetspot

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



2EAB8C



ADDED2



4DAB2E



537069



F0F0F0



707070



# Same Dimension

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



2EAB8C



1BDEAD



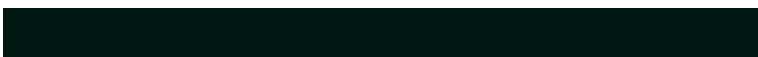
2E8CAB



4E5755



009671



001711



# Inverse Universe

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



AB2E4D



DE1B4B



AB4D2E



574E50



960025

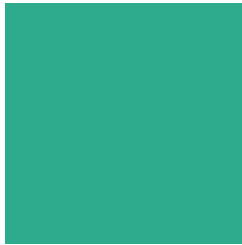


170006



# Previews

## White Background



This preview shows how the Hex color 2EAB8C looks on a white background.

## Color Contrast Check

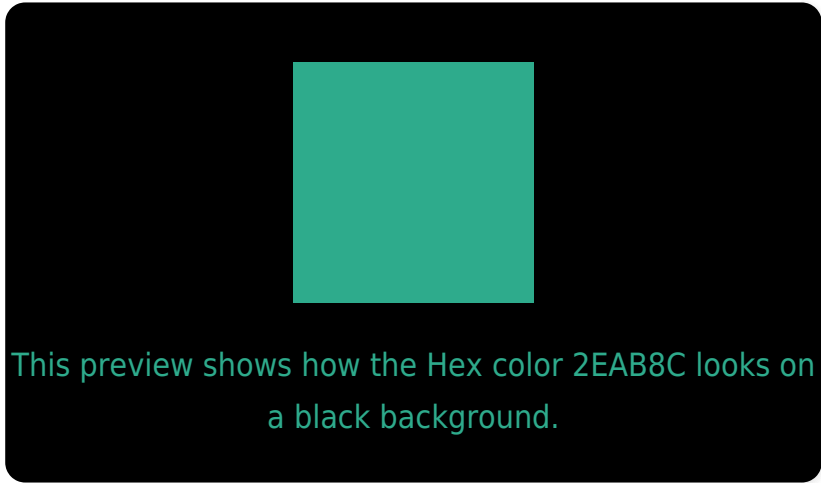
Large Text (above 18pt) WCAG AA × Fail

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

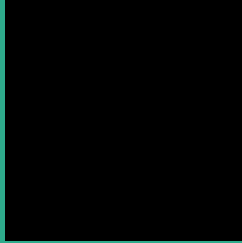
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 2EAB8C Background



This preview shows how black text looks on a background with the Hex color 2EAB8C.

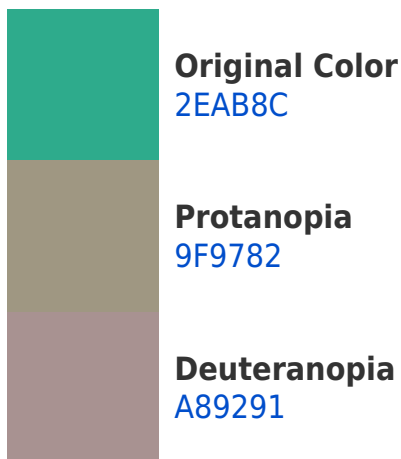


This preview shows how white text looks on a background with the Hex color 2EAB8C.

# 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**  
42A6B3

# Trichromacy



**Original Color**  
2EAB8C



**Protanomaly**  
769E86



**Deuteranomaly**  
7C9B8F



**Tritanomaly**  
3BA8A5

# Monochromacy



**Original Color**  
2EAB8C



**Achromatopsia**  
828282



**Achromatomaly**  
639186

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2EAB8C 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 #2EAB8C looks like.

```
.text, #text, p{  
    color:#2EAB8C  
}
```

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 #2EAB8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EAB8C
}
```

## Border

The CSS property to change the border of an element to Hex 2EAB8C 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
#2EAB8C }
```

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

```
.border{ border-color:#2EAB8C }
```

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

Here you see how a box with a 4 pixel #2EAB8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EAB8C; -webkit-box-shadow:4px 4px  
4px 4px #2EAB8C; box-shadow:4px 4px 4px  
4px #2EAB8C }
```

# Background

The CSS property to change the background color of an element to Hex 2EAB8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EAB8C }
```

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

```
.background{ background-color:#2EAB8C }
```

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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