

# Converting Colors

Hex(2EABA8)

Have a look what the booklet for  
Hex(2EABA8) contains.

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# Color

Hex(2EABA8)

# Conversions

## Conversions Part 1

Format	Color
Hex	2EABA8
RGB	46, 171, 168
RGB Percent	18%, 67%, 66%
CMY	0.8196, 0.3294, 0.3412
CMYK	0.73, 0.00, 0.02, 0.33
HSL	179°, 58%, 43%
HSV	179°, 73%, 67%
XYZ	22.7575, 32.5338, 42.1260
YIQ	133.2830, -73.5370, -27.4330

# Conversions

## Conversions Part 2

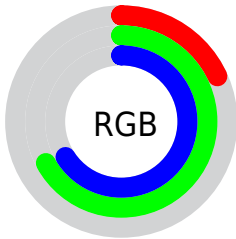
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 109, 171
Decimal	3058600
CIELab	63.78, -33.41, -8.18
CIELCh	64, 34.394, 193.757
Yxy	32.5338, 0.2336, 0.3340
Android (android.graphics.Color)	4281248680 (0xFF2EABA8)
YUV	133.2830, 17.1155, -76.5472
Hunter-Lab	57.0384, -28.5983, -3.8620

# Details

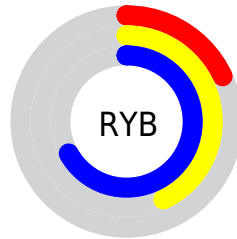
The Hex color **2EABA8** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AB2E31**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **70E3DF**, and **007674** is the 20% darker color. If you saturate the color by 10%, you get **1DABA8**, and if you desaturate by 10%, it is **3FABA8**.

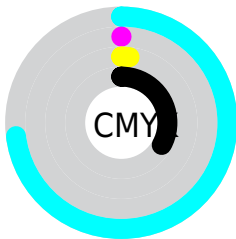
# Distribution



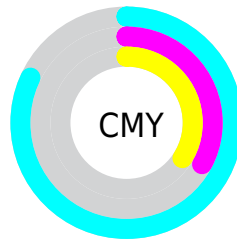
- Red (18%)
- Green (67%)
- Blue (66%)



- Red (18%)
- Yellow (43%)
- Blue (67%)



- Cyan (73%)
- Magenta (0%)
- Yellow (2%)
- Black (33%)



- Cyan (82%)
- Magenta (33%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2EABA8 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 2EABA8 by changing the saturation by 10% instead.



 2EABA8

 2EABA8

FFFFFF

 00908E

 70E3DF

 007674

 8EFFFC

 005D5C

 ACFFFF

 004544

 C9FFFF

 002E2E

 E7FFFF

 00161A

 000000

 2EABA8

 2EABA8

 1DABA8

 3FABA8

0CABA7

50ABA9

00ABA7

61ABA9

72ABAA

84ABAA

95ABAA

A6ABAB

B7ABAB

C8ABAC

# Harmonies

## Analogous

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



58AA88



2EABA8



21A9C4

# Triad

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



2EABA8



B08DC7



BD9360

# Complementary

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



2EABA8



AB2E31

# 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.



D18972



2EABA8



CC85AC

# Square

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



2EABA8



8599D6



D7838D



A19D5E

# Rectangle

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



2EABA8



40A5D1



D7838D



C58F64



# Sweetspot

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



2EABA8



ADDEDD



32AB2E



53706F



F0F0F0



707070



# Same Dimension

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



2EABA8



1BDED9



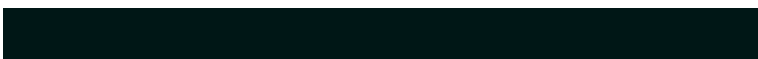
2E71AB



4E5756



009693



001716



# Inverse Universe

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



AB2E31



DE1B1F



AB682E



574E4E



960004

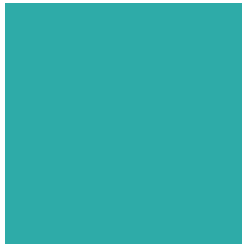


170001



# Previews

## White Background



This preview shows how the Hex color 2EABA8 looks on a white background.

## Color Contrast Check

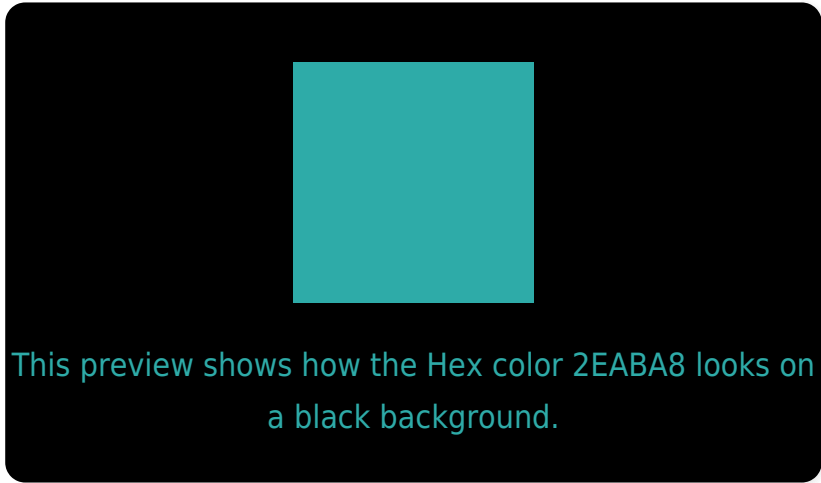
Large Text (above 18pt) WCAG AA × Fail

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

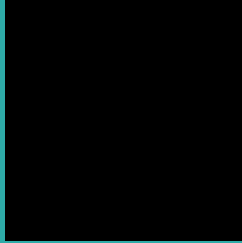
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

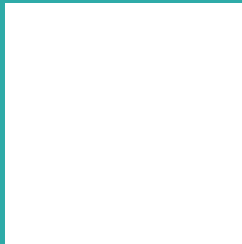
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2EABA8 Background



This preview shows how black text looks on a background with the Hex color 2EABA8.



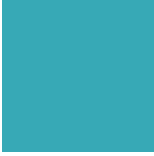
This preview shows how white text looks on a background with the Hex color 2EABA8.

# 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**  
37A9B6

# Trichromacy



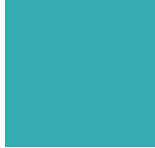
**Original Color**  
2EABA8



**Protanomaly**  
73A0A1



**Deuteranomaly**  
769DAB



**Tritanomaly**  
34AAB1

# Monochromacy



**Original Color**  
2EABA8



**Achromatopsia**  
858585



**Achromatomaly**  
659392

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2EABA8 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 #2EABA8 looks like.

```
.text, #text, p{  
    color:#2EABA8  
}
```

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 #2EABA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EABA8  
}
```

## Border

The CSS property to change the border of an element to Hex 2EABA8 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  
#2EABA8 }
```

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

```
.border{ border-color:#2EABA8 }
```

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

Here you see how a box with a 4 pixel #2EABA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EABA8; -webkit-box-shadow:4px 4px  
4px 4px #2EABA8; box-shadow:4px 4px 4px  
4px #2EABA8 }
```

# Background

The CSS property to change the background color of an element to Hex 2EABA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EABA8 }
```

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

```
.background{ background-color:#2EABA8 }
```

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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