

Converting Colors

Hex(2EB6A8)

Have a look what the booklet for
Hex(2EB6A8) contains.

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Color

Hex(2EB6A8)

Conversions

Conversions Part 1

Format	Color
Hex	2EB6A8
RGB	46, 182, 168
RGB Percent	18%, 71%, 66%
CMY	0.8196, 0.2863, 0.3412
CMYK	0.75, 0.00, 0.08, 0.29
HSL	174°, 60%, 45%
HSV	174°, 75%, 71%
XYZ	24.9225, 36.8639, 42.8477
YIQ	139.7400, -76.5620, -33.1860

Conversions

Conversions Part 2

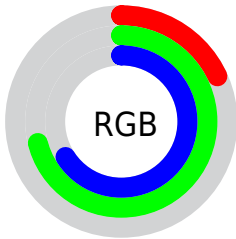
Format	Color
RYB	46, 118, 182
Decimal	3061416
CIELab	67.17, -38.48, -3.16
CIELCh	67, 38.613, 184.689
Yxy	36.8639, 0.2382, 0.3523
Android (android.graphics.Color)	4281251496 (0xFF2EB6A8)
YUV	139.7400, 13.9322, -82.2100
Hunter-Lab	60.7156, -32.9817, 0.6594

Details

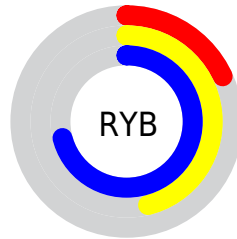
The Hex color **2EB6A8** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B62E3C**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **72EFDf**, and **008074** is the 20% darker color. If you saturate the color by 10%, you get **1CB6A6**, and if you desaturate by 10%, it is **40B6AA**.

Distribution



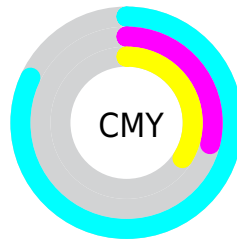
- Red (18%)
- Green (71%)
- Blue (66%)



- Red (18%)
- Yellow (46%)
- Blue (71%)



- Cyan (75%)
- Magenta (0%)
- Yellow (8%)
- Black (29%)



- Cyan (82%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EB6A8 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 2EB6A8 by changing the saturation by 10% instead.

 2EB6A8

 2EB6A8

FFFFFF

 009B8E

 72EFDf

 008074

 90FFFC

 00675C

 AEFFFF

 004E44

 CCFFFF

 00362E

 EAFFFF

 002119

 000000

 2EB6A8

 2EB6A8

 1CB6A6

 40B6AA

■ 0AB6A4

■ 52B6AC

■ 00B6A3

■ 65B6AE

■ 77B6AF

■ 89B6B1

■ 9BB6B3

■ ADB6B5

■ C0B6B7

■ D2B6B9

Harmonies

Analogous

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



65B385



2EB6A8



00B5CA

Triad

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



2EB6A8



AE98DD



D29765

Complementary

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



2EB6A8



B62E3C

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.



E48C7E



2EB6A8



D48DC2

Square

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



2EB6A8



79A5E8



E6889F



B5A35D

Rectangle

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



2EB6A8



13B1DB



E6889F



DA936C

Sweetspot

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



2EB6A8



B9EDE8



3EB62E



597875



F7F7F7



787878

Same Dimension

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



2EB6A8



18EDD7



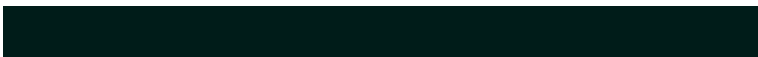
2E82B6



535C5B



009C8C



001C19

Inverse Universe

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



B62E3C



ED182E



B6622E



5C5354



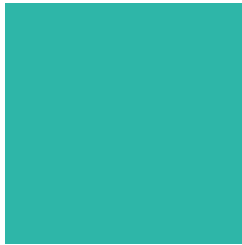
9C0010



1C0003

Previews

White Background



This preview shows how the Hex color 2EB6A8 looks on a white background.

Color Contrast Check

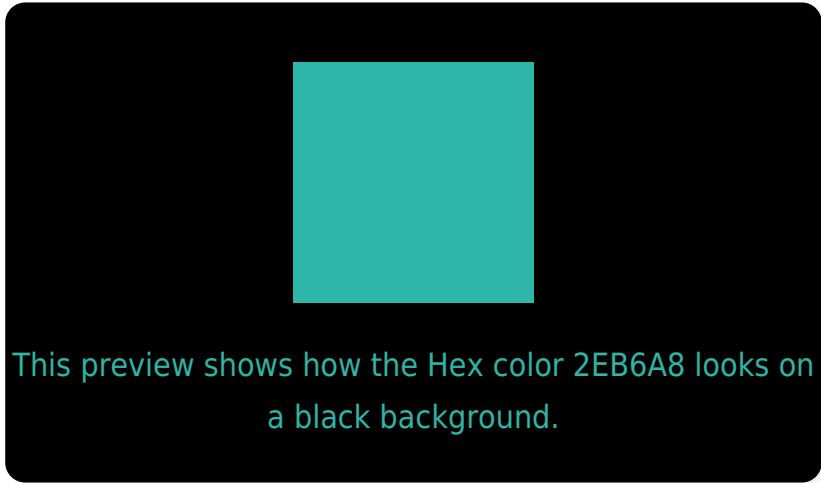
Large Text (above 18pt) WCAG AA × Fail

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

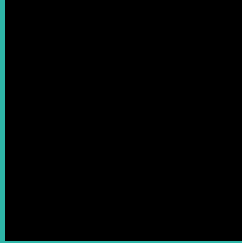
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

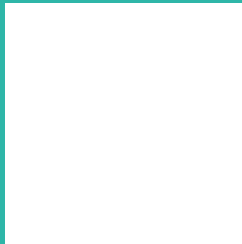
Any Text WCAG AAA ✓ Pass

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

Hex 2EB6A8 Background



This preview shows how black text looks on a background with the Hex color 2EB6A8.

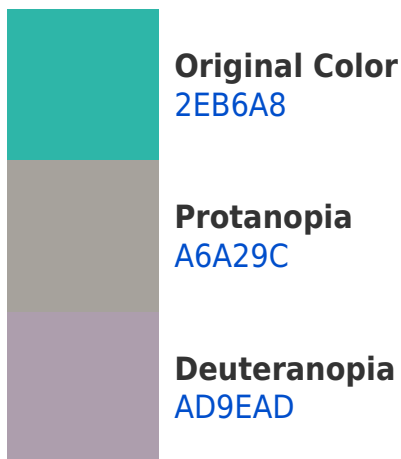


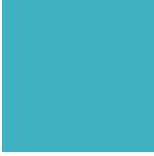
This preview shows how white text looks on a background with the Hex color 2EB6A8.

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](#).

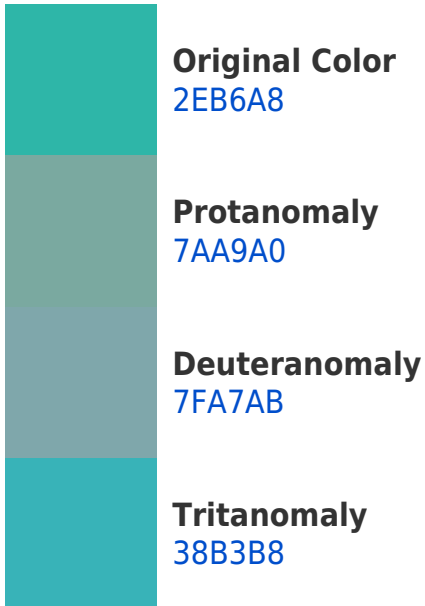
Dichromacy





Tritanopia
3EB2C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2EB6A8 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 #2EB6A8 looks like.

```
.text, #text, p{  
    color:#2EB6A8  
}
```

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 #2EB6A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EB6A8
}
```

Border

The CSS property to change the border of an element to Hex 2EB6A8 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
#2EB6A8 }
```

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

```
.border{ border-color:#2EB6A8 }
```

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

Here you see how a box with a 4 pixel #2EB6A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EB6A8; -webkit-box-shadow:4px 4px  
4px 4px #2EB6A8; box-shadow:4px 4px 4px  
4px #2EB6A8 }
```

Background

The CSS property to change the background color of an element to Hex 2EB6A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EB6A8 }
```

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

```
.background{ background-color:#2EB6A8 }
```

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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