

Converting Colors

Hex(2EBC86)

Have a look what the booklet for
Hex(2EBC86) contains.

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Color

Hex(2EBC86)

Conversions

Conversions Part 1

Format	Color
Hex	2EBC86
RGB	46, 188, 134
RGB Percent	18%, 74%, 53%
CMY	0.8196, 0.2627, 0.4745
CMYK	0.76, 0.00, 0.29, 0.26
HSL	157°, 61%, 46%
HSV	157°, 76%, 74%
XYZ	23.4130, 38.2685, 28.7068
YIQ	139.3860, -67.2980, -46.8980

Conversions

Conversions Part 2

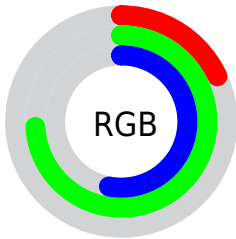
Format	Color
RYB	46, 134, 188
Decimal	3062918
CIELab	68.22, -49.58, 16.96
CIELCh	68, 52.398, 161.115
Yxy	38.2685, 0.2590, 0.4234
Android (android.graphics.Color)	4281252998 (0xFF2EBC86)
YUV	139.3860, -2.6553, -81.8995
Hunter-Lab	61.8615, -40.7000, 15.7896

Details

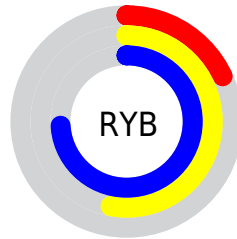
The Hex color **2EBC86** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BC2E64**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **71F5BB**, and **008654** is the 20% darker color. If you saturate the color by 10%, you get **1BBC7F**, and if you desaturate by 10%, it is **41BC8D**.

Distribution



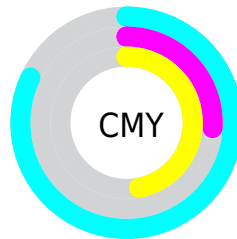
- Red (18%)
- Green (74%)
- Blue (53%)



- Red (18%)
- Yellow (53%)
- Blue (74%)



- Cyan (76%)
- Magenta (0%)
- Yellow (29%)
- Black (26%)



- Cyan (82%)
- Magenta (26%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EBC86 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 2EBC86 by changing the saturation by 10% instead.

 2EBC86

 2EBC86

FFFFFF

 00A06D

 71F5BB

 008654

 8FFFD7

 006B3D

 ADFFF4

 005227

 CBFFFF

 003A12

 E9FFFF

 002300

 000000

 2EBC86

 2EBC86

 1BBC7F

 41BC8D

08BC78

54BC94

00BC75

66BC9B

79BCA3

8CBCAA

9FBCB1

B2BCB8

C4BCBF

D7BCC6

Harmonies

Analogous

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



7DB55C



2EBC86



00BEB7

Triad

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



2EBC86



74A5FF



F7886A

Complementary

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



2EBC86



BC2E64

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.



FF7E96



2EBC86



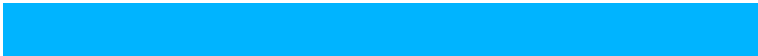
C193EE

Square

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



2EBC86



00B4FF



EE82C6



DA994B

Rectangle

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



2EBC86



00BDD6



EE82C6



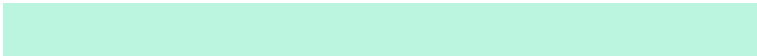
FC8378

Sweetspot

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



2EBC86



BCF5DF



64BC2E



587A6D



FAFAFA



7A7A7A

Same Dimension

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



2EBC86



16F5A0



2EABBC



555E5B



009E62



001F13

Inverse Universe

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



BC2E64



F5166B



BC3F2E



5E5559



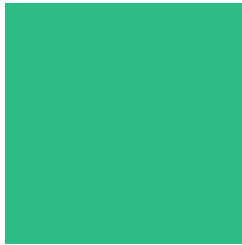
9E003C



1F000C

Previews

White Background



This preview shows how the Hex color 2EBC86 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



This preview shows how the Hex color 2EBC86 looks on a 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 2EBC86 Background



This preview shows how black text looks on a background with the Hex color 2EBC86.



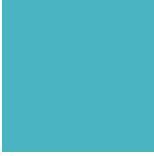
This preview shows how white text looks on a background with the Hex color 2EBC86.

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
4BB4C3

Trichromacy



Original Color
2EBC86



Protanomaly
81AD7F



Deuteranomaly
8AAA8A



Tritanomaly
40B7AD

Monochromacy



Original Color
2EBC86



Achromatopsia
8B8B8B



Achromatomaly
699D89

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EBC86 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 #2EBC86 looks like.

```
.text, #text, p{  
    color:#2EBC86  
}
```

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 #2EBC86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EBC86
}
```

Border

The CSS property to change the border of an element to Hex 2EBC86 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
#2EBC86 }
```

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

```
.border{ border-color:#2EBC86 }
```

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

Here you see how a box with a 4 pixel #2EBC86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EBC86; -webkit-box-shadow:4px 4px  
4px 4px #2EBC86; box-shadow:4px 4px 4px  
4px #2EBC86 }
```

Background

The CSS property to change the background color of an element to Hex 2EBC86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EBC86 }
```

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

```
.background{ background-color:#2EBC86 }
```

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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