

Converting Colors

Hex(2AB68B)

Have a look what the booklet for
Hex(2AB68B) contains.

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Color

Hex(2AB68B)

Conversions

Conversions Part 1

Format	Color
Hex	2AB68B
RGB	42, 182, 139
RGB Percent	16%, 71%, 55%
CMY	0.8353, 0.2863, 0.4549
CMYK	0.77, 0.00, 0.24, 0.29
HSL	162°, 63%, 44%
HSV	162°, 77%, 71%
XYZ	22.3430, 35.8122, 30.1609
YIQ	135.2380, -69.6370, -43.0530

Conversions

Conversions Part 2

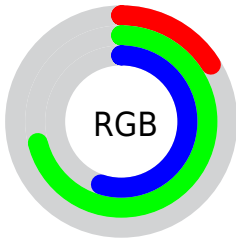
Format	Color
RYB	42, 125, 182
Decimal	2799243
CIELab	66.38, -46.49, 11.65
CIElCh	66, 47.926, 165.927
Yxy	35.8122, 0.2530, 0.4055
Android (android.graphics.Color)	4280989323 (0xFF2AB68B)
YUV	135.2380, 1.8547, -81.7697
Hunter-Lab	59.8433, -38.0813, 12.0082

Details

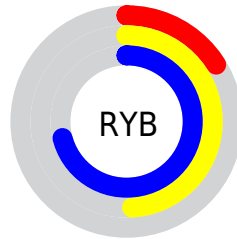
The Hex color **2AB68B** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B62A55**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **6EEFC1**, and **008059** is the 20% darker color. If you saturate the color by 10%, you get **18B685**, and if you desaturate by 10%, it is **3CB691**.

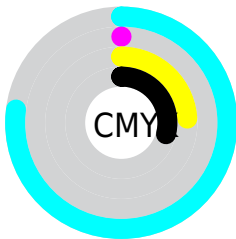
Distribution



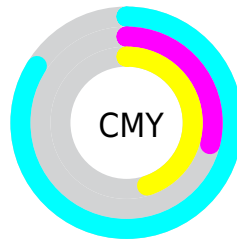
- Red (16%)
- Green (71%)
- Blue (55%)



- Red (16%)
- Yellow (49%)
- Blue (71%)



- Cyan (77%)
- Magenta (0%)
- Yellow (24%)
- Black (29%)



- Cyan (84%)
- Magenta (29%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AB68B 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 2AB68B by changing the saturation by 10% instead.

 2AB68B

 2AB68B

FFFFFF

 009B71

 6EEFC1

 008059

 8CFFDC

 006641

 AAFF9

 004D2B

 C7FFF

 003516

 E5FFF

 001E00

 000000

 2AB68B

 2AB68B

 18B685

 3CB691

 06B680

 4EB696

 00B67E

 61B69C

 73B6A1

 85B6A7

 97B6AD

 A9B6B2

 BCB6B8

 CEB6BD

Harmonies

Analogous

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



74B063



2AB68B



00B7B8

Triad

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



2AB68B



839EF4



E88865

Complementary

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



2AB68B



B62A55

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.



F37E8C



2AB68B



C28DDE

Square

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



2AB68B



00ACF4



E780B8



CC984D

Rectangle

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



2AB68B



00B6D3



E780B8



EE8471

Sweetspot

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



2AB68B



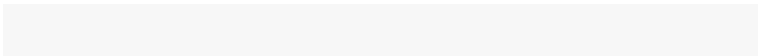
B7EDDC



56B62A



56786E



F7F7F7



787878

Same Dimension

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



2AB68B



13EDAA



2A9CB6



535C59



009C6C



001C13

Inverse Universe

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



B62A55



ED1356



B6442A



5C5355



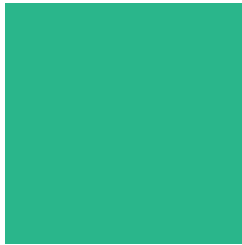
9C0030



1C0009

Previews

White Background



This preview shows how the Hex color 2AB68B 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 2AB68B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

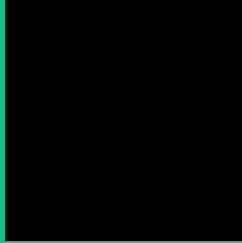
Any Text WCAG AA ✓ Pass

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 2AB68B Background



This preview shows how black text looks on a background with the Hex color 2AB68B.

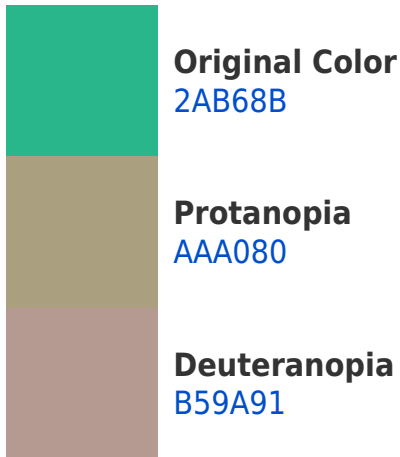


This preview shows how white text looks on a background with the Hex color 2AB68B.

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
45AFBE

Trichromacy



Original Color
2AB68B



Protanomaly
7BA884



Deuteranomaly
82A48F



Tritanomaly
3BB2AB

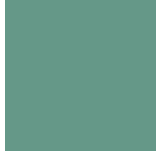
Monochromacy



Original Color
2AB68B



Achromatopsia
878787



Achromatomaly
659888

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AB68B 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 #2AB68B looks like.

```
.text, #text, p{  
    color:#2AB68B  
}
```

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 #2AB68B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AB68B
}
```

Border

The CSS property to change the border of an element to Hex 2AB68B 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
#2AB68B }
```

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

```
.border{ border-color:#2AB68B }
```

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

Here you see how a box with a 4 pixel #2AB68B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AB68B; -webkit-box-shadow:4px 4px  
4px 4px #2AB68B; box-shadow:4px 4px 4px  
4px #2AB68B }
```

Background

The CSS property to change the background color of an element to Hex 2AB68B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AB68B }
```

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

```
.background{ background-color:#2AB68B }
```

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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