

Converting Colors

Hex(2AB6A6)

Have a look what the booklet for
Hex(2AB6A6) contains.

Hex(2AB6A6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2AB6A6)

Conversions

Conversions Part 1

Format	Color
Hex	2AB6A6
RGB	42, 182, 166
RGB Percent	16%, 71%, 65%
CMY	0.8353, 0.2863, 0.3490
CMYK	0.77, 0.00, 0.09, 0.29
HSL	173°, 63%, 44%
HSV	173°, 77%, 71%
XYZ	24.5657, 36.7013, 41.8657
YIQ	138.3160, -78.3040, -34.6560

Conversions

Conversions Part 2

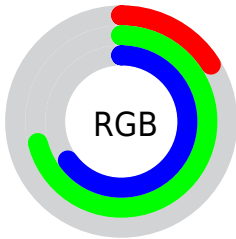
Format	Color
R _Y B	42, 116, 182
Decimal	2799270
CIE Lab	67.05, -39.49, -2.24
CIE LCh	67, 39.554, 183.245
Yxy	36.7013, 0.2382, 0.3559
Android (android.graphics.Color)	4280989350 (0xFF2AB6A6)
YUV	138.3160, 13.6482, -84.4691
Hunter-Lab	60.5816, -33.6364, 1.4340

Details

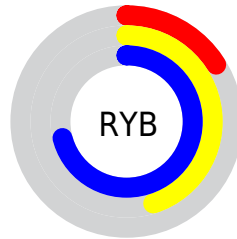
The Hex color **2AB6A6** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B62A3A**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **6FEFDD**, and **008072** is the 20% darker color. If you saturate the color by 10%, you get **18B6A4**, and if you desaturate by 10%, it is **3CB6A8**.

Distribution



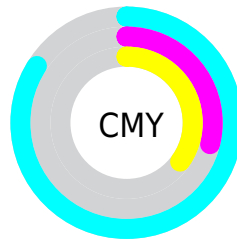
- Red (16%)
- Green (71%)
- Blue (65%)



- Red (16%)
- Yellow (45%)
- Blue (71%)



- Cyan (77%)
- Magenta (0%)
- Yellow (9%)
- Black (29%)



- Cyan (84%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AB6A6 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 2AB6A6 by changing the saturation by 10% instead.

 2AB6A6

 2AB6A6

FFFFFF

 009B8C

 6FEFDD

 008072

 8EFFFA

 00665A

 ACFFFF

 004E42

 CAFFFF

 00362C

 E8FFFF

 002118

 000000

 2AB6A6

 2AB6A6

 18B6A4

 3CB6A8

06B6A2

4EB6AA

00B6A1

61B6AC

73B6AE

85B6B0

97B6B2

A9B6B5

BCB6B7

CEB6B9

Harmonies

Analogous

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



65B382



2AB6A6



00B5C9

Triad

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



2AB6A6



AC98DF



D49664

Complementary

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



2AB6A6



B62A3A

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.



E68B7E



2AB6A6



D38CC4

Square

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



2AB6A6



74A5EA



E687A1



B6A25B

Rectangle

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



2AB6A6



00B2DB



E687A1



DB926B

Sweetspot

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



2AB6A6



B7EDE7



3AB62A



567874



F7F7F7



787878

Same Dimension

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



2AB6A6



13EDD4



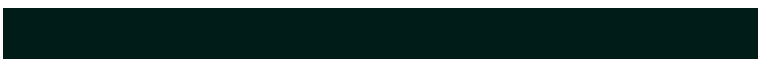
2A80B6



535C5B



009C8A



001C19

Inverse Universe

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



B62A3A



ED132C



B6602A



5C5354



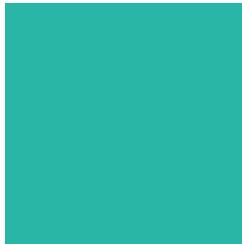
9C0012



1C0003

Previews

White Background



This preview shows how the Hex color 2AB6A6 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 2AB6A6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

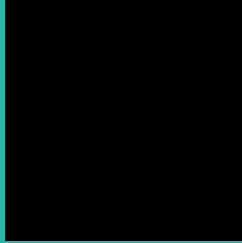
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

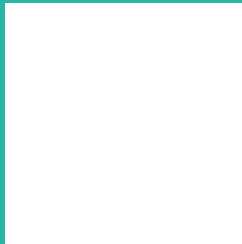
Any Text WCAG AAA ✓ Pass

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

Hex 2AB6A6 Background



This preview shows how black text looks on a background with the Hex color 2AB6A6.

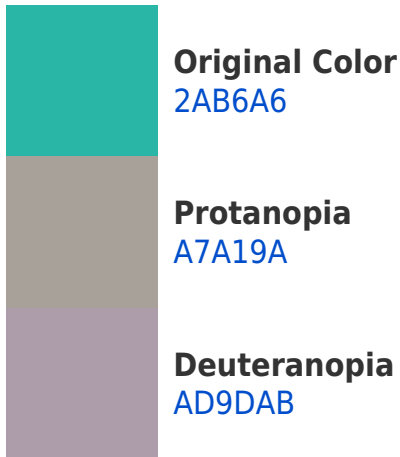


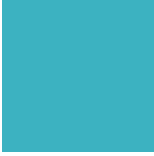
This preview shows how white text looks on a background with the Hex color 2AB6A6.

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
3CB2C1

Trichromacy



Original Color
2AB6A6



Protanomaly
7AA99E



Deuteranomaly
7DA6A9



Tritanomaly
35B3B7

Monochromacy



Original Color
2AB6A6



Achromatopsia
8A8A8A



Achromatomaly
679A94

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AB6A6 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 #2AB6A6 looks like.

```
.text, #text, p{  
    color:#2AB6A6  
}
```

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 #2AB6A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AB6A6
}
```

Border

The CSS property to change the border of an element to Hex 2AB6A6 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
#2AB6A6 }
```

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

```
.border{ border-color:#2AB6A6 }
```

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

Here you see how a box with a 4 pixel #2AB6A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AB6A6; -webkit-box-shadow:4px 4px  
4px 4px #2AB6A6; box-shadow:4px 4px 4px  
4px #2AB6A6 }
```

Background

The CSS property to change the background color of an element to Hex 2AB6A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AB6A6 }
```

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

```
.background{ background-color:#2AB6A6 }
```

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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