

Converting Colors

Hex(2AB6C4)

Have a look what the booklet for
Hex(2AB6C4) contains.

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Color

Hex(2AB6C4)

Conversions

Conversions Part 1

Format	Color
Hex	2AB6C4
RGB	42, 182, 196
RGB Percent	16%, 71%, 77%
CMY	0.8353, 0.2863, 0.2314
CMYK	0.79, 0.07, 0.00, 0.23
HSL	185°, 65%, 47%
HSV	185°, 79%, 77%
XYZ	27.6466, 37.9337, 58.0894
YIQ	141.7360, -87.9340, -25.3260

Conversions

Conversions Part 2

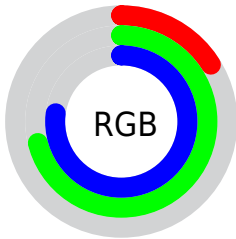
Format	Color
R _Y B	42, 115, 196
Decimal	2799300
CIE Lab	67.97, -30.66, -17.43
CIE LCh	68, 35.268, 209.619
Yxy	37.9337, 0.2236, 0.3067
Android (android.graphics.Color)	4280989380 (0xFF2AB6C4)
YUV	141.7360, 26.7522, -87.4685
Hunter-Lab	61.5903, -27.6581, -12.8066

Details

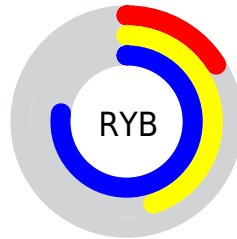
The Hex color **2AB6C4** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted azure. A complement of this color would be **C4382A**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **72EEFD**, and **00818E** is the 20% darker color. If you saturate the color by 10%, you get **16B4C4**, and if you desaturate by 10%, it is **3EB8C4**.

Distribution



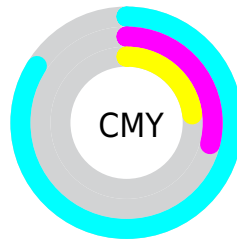
- Red (16%)
- Green (71%)
- Blue (77%)



- Red (16%)
- Yellow (45%)
- Blue (77%)



- Cyan (79%)
- Magenta (7%)
- Yellow (0%)
- Black (23%)



- Cyan (84%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AB6C4 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 2AB6C4 by changing the saturation by 10% instead.

 2AB6C4

 2AB6C4


FFFFFF

 009BA9

 72EEFD

 00818E

 92FFFF

 006775

 B0FFFF

 004F5C

 CEFFFF

 003745

 EDFFFF

 00232E

 00011A

 000000

 2AB6C4

 2AB6C4

■ 16B4C4

■ 3EB8C4

■ 03B2C4

■ 51BAC4

■ 00B2C4

■ 65BBC4

■ 78BDC4

■ 8CBFC4

■ A0C1C4

■ B3C2C4

■ C7C4C4

■ DAC6C4

Harmonies

Analogous

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



4BB7A4



2AB6C4



43B1DC

Triad

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



2AB6C4



CD93C6



BBA466

Complementary

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



2AB6C4



C4382A

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.



D59970



2AB6C4



E18DA7

Square

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



2AB6C4



A99EDD



E39088



9AAD6D

Rectangle

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



2AB6C4



66ACE4



E39088



C5A067

Sweetspot

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



2AB6C4



C2F9FF



2AC437



5B7C80



000000



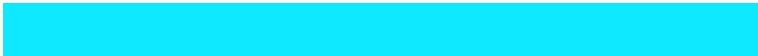
808080

Same Dimension

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



2AB6C4



0FE9FF



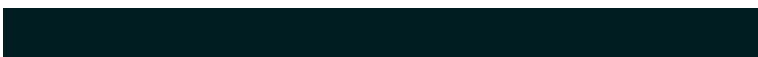
2A6AC4



576061



0092A1



001E21

Inverse Universe

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



C42AB6



FF0FE9



C4842A



615760



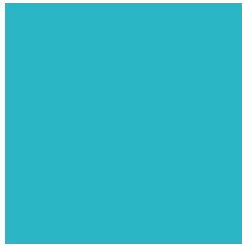
A10092



21001E

Previews

White Background



This preview shows how the Hex color 2AB6C4 looks on a white background.

Color Contrast Check

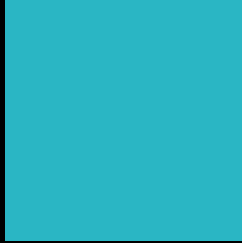
Large Text (above 18pt) WCAG AA × Fail

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 2AB6C4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

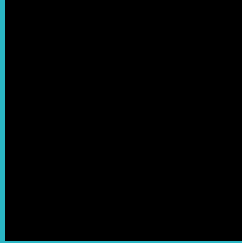
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

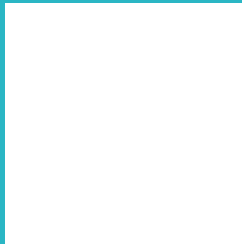
Any Text WCAG AAA ✓ Pass

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

Hex 2AB6C4 Background



This preview shows how black text looks on a background with the Hex color 2AB6C4.

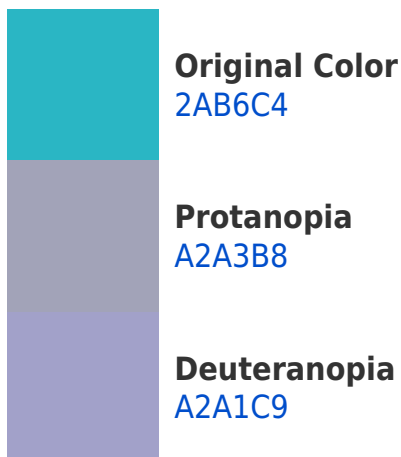


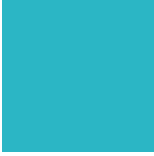
This preview shows how white text looks on a background with the Hex color 2AB6C4.

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
2BB6C5

Trichromacy



Original Color
2AB6C4



Protanomaly
76AABC



Deuteranomaly
76A9C7



Tritanomaly
2BB6C5

Monochromacy



Original Color
2AB6C4



Achromatopsia
8E8E8E



Achromatomaly
6A9DA2

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AB6C4 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 #2AB6C4 looks like.

```
.text, #text, p{  
    color:#2AB6C4  
}
```

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 #2AB6C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AB6C4
}
```

Border

The CSS property to change the border of an element to Hex 2AB6C4 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
#2AB6C4 }
```

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

```
.border{ border-color:#2AB6C4 }
```

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

Here you see how a box with a 4 pixel #2AB6C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AB6C4; -webkit-box-shadow:4px 4px  
4px 4px #2AB6C4; box-shadow:4px 4px 4px  
4px #2AB6C4 }
```

Background

The CSS property to change the background color of an element to Hex 2AB6C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AB6C4 }
```

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

```
.background{ background-color:#2AB6C4 }
```

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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