

Converting Colors

Hex(2DABB5)

Have a look what the booklet for
Hex(2DABB5) contains.

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Color

Hex(2DABB5)

Conversions

Conversions Part 1

Format	Color
Hex	2DABB5
RGB	45, 171, 181
RGB Percent	18%, 67%, 71%
CMY	0.8235, 0.3294, 0.2902
CMYK	0.75, 0.06, 0.00, 0.29
HSL	184°, 60%, 44%
HSV	184°, 75%, 71%
XYZ	23.9856, 33.0199, 48.8254
YIQ	134.4660, -78.3060, -23.6020

Conversions

Conversions Part 2

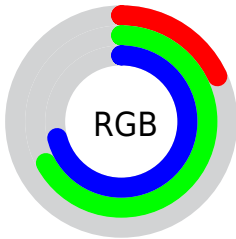
Format	Color
R_{YB}	45, 110, 181
Decimal	2993077
CIE _{Lab}	64.18, -29.62, -14.85
CIE _{LCh}	64, 33.136, 206.618
Yxy	33.0199, 0.2266, 0.3120
Android (android.graphics.Color)	4281183157 (0xFF2DABB5)
YUV	134.4660, 22.9413, -78.4617
Hunter-Lab	57.4629, -26.0525, -10.1537

Details

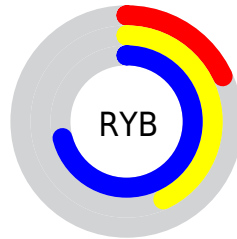
The Hex color **2DABB5** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B5372D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **71E3ED**, and **007680** is the 20% darker color. If you saturate the color by 10%, you get **1BAAB5**, and if you desaturate by 10%, it is **3FACB5**.

Distribution



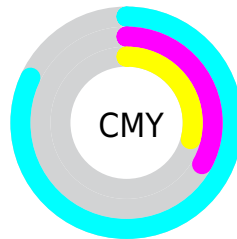
- Red (18%)
- Green (67%)
- Blue (71%)



- Red (18%)
- Yellow (43%)
- Blue (71%)



- Cyan (75%)
- Magenta (6%)
- Yellow (0%)
- Black (29%)



- Cyan (82%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DABB5 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 2DABB5 by changing the saturation by 10% instead.

 2DABB5

 2DABB5

FFFFFF

 00909A

 71E3ED

 007680

 8FFFFFFF

 005D67

 ADFFFF

 00454F

 CBFFFF

 002E38

 E9FFFF

 001823

 00000C

 000000

 2DABB5

 2DABB5

■ 1BAAB5

■ 3FACB5

■ 09A8B5

■ 51AEB5

■ 00A8B5

■ 63AFB5

■ 75B0B5

■ 88B2B5

■ 9AB3B5

■ ACB4B5

■ BEB6B5

■ D0B7B5

Harmonies

Analogous

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



4CAB97



2DABB5



3DA7CC

Triad

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



2DABB5



BE8BBC



B29960

Complementary

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



2DABB5



B5372D

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.



CA8E6B



2DABB5



D285A0

Square

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



2DABB5



9A95D0



D58783



94A266

Rectangle

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



2DABB5



5CA2D4



D58783



BB9562

Sweetspot

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



2DABB5



B5E7EB



2DB536



547375



F5F5F5



757575

Same Dimension

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



2DABB5



17DBEB



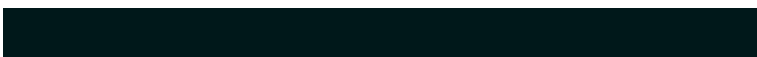
2D68B5



505959



008E99



00181A

Inverse Universe

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



B52DAB



EB17DB



B57A2D



595059



99008E



1A0018

Previews

White Background



This preview shows how the Hex color 2DABB5 looks on a white background.

Color Contrast Check

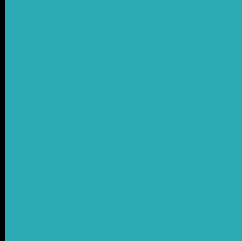
Large Text (above 18pt) WCAG AA × Fail

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 2DABB5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

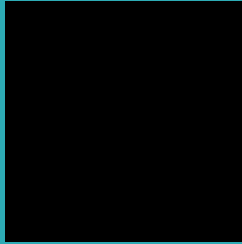
Any Text WCAG AA ✓ Pass

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 2DABB5 Background



This preview shows how black text looks on a background with the Hex color 2DABB5.

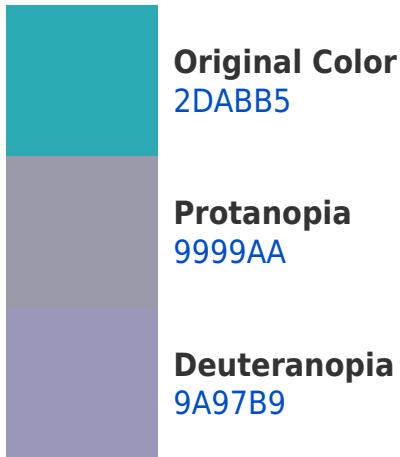


This preview shows how white text looks on a background with the Hex color 2DABB5.

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](#).

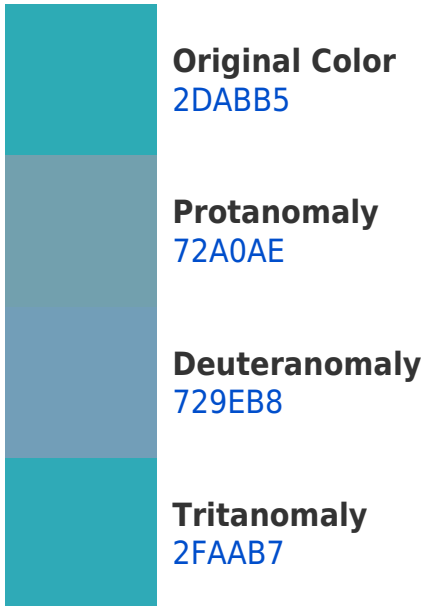
Dichromacy



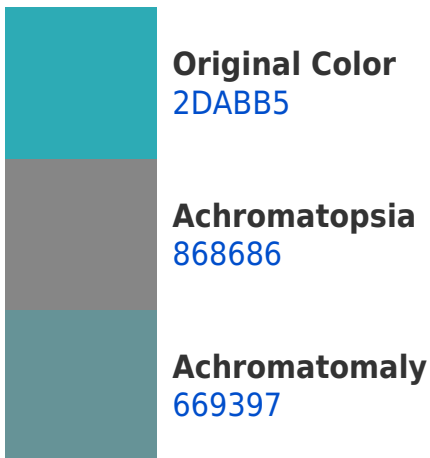


Tritanopia
30AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2DABB5 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 #2DABB5 looks like.

```
.text, #text, p{  
    color:#2DABB5  
}
```

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 #2DABB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DABB5
}
```

Border

The CSS property to change the border of an element to Hex 2DABB5 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
#2DABB5 }
```

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

```
.border{ border-color:#2DABB5 }
```

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

Here you see how a box with a 4 pixel #2DABB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DABB5; -webkit-box-shadow:4px 4px  
4px 4px #2DABB5; box-shadow:4px 4px 4px  
4px #2DABB5 }
```

Background

The CSS property to change the background color of an element to Hex 2DABB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DABB5 }
```

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

```
.background{ background-color:#2DABB5 }
```

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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