

Converting Colors

Hex(2DB5B5)

Have a look what the booklet for
Hex(2DB5B5) contains.

Hex(2DB5B5)	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(2DB5B5)

Conversions

Conversions Part 1

Format	Color
Hex	2DB5B5
RGB	45, 181, 181
RGB Percent	18%, 71%, 71%
CMY	0.8235, 0.2902, 0.2902
CMYK	0.75, 0.00, 0.00, 0.29
HSL	180°, 60%, 44%
HSV	180°, 75%, 71%
XYZ	25.9466, 36.9418, 49.4790
YIQ	140.3360, -81.0560, -28.8320

Conversions

Conversions Part 2

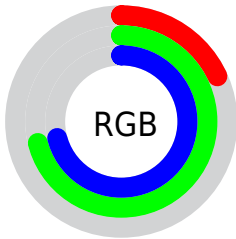
Format	Color
RYB	45, 113, 181
Decimal	2995637
CIELab	67.23, -34.41, -10.26
CIELCh	67, 35.908, 196.597
Yxy	36.9418, 0.2309, 0.3288
Android (android.graphics.Color)	4281185717 (0xFF2DB5B5)
YUV	140.3360, 20.0474, -83.6097
Hunter-Lab	60.7798, -30.1640, -5.7204

Details

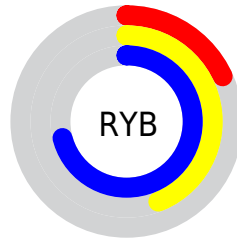
The Hex color **2DB5B5** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B52D2D**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **72EDED**, and **007F80** is the 20% darker color. If you saturate the color by 10%, you get **1BB5B5**, and if you desaturate by 10%, it is **3FB5B5**.

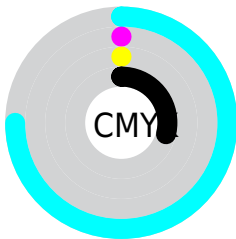
Distribution



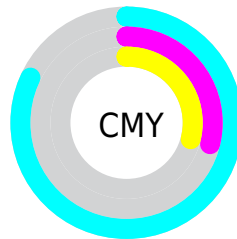
- Red (18%)
- Green (71%)
- Blue (71%)



- Red (18%)
- Yellow (44%)
- Blue (71%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2DB5B5 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 2DB5B5 by changing the saturation by 10% instead.

 2DB5B5

 2DB5B5


FFFFFF

 009A9A

 72EDED

 007F80

 91FFFF

 006667

 AFFFFFF

 004D4F

 CDFFFF

 003638

 EBFFFF

 002223

 00010D

 000000

 2DB5B5

 2DB5B5

■ 1BB5B5

■ 3FB5B5

■ 09B5B5

■ 51B5B5

■ 00B5B5

■ 63B5B5

■ 75B5B5

■ 88B5B5

■ 9AB5B5

■ ACB5B5

■ BEB5B5

■ D0B5B5

Harmonies

Analogous

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



5AB494



2DB5B5



27B2D2

Triad

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



2DB5B5



BE95D0



C69D65

Complementary

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



2DB5B5



B52D2D

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.



DB9276



2DB5B5



DA8CB4

Square

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



2DB5B5



92A1E1



E38B93



A7A765

Rectangle

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



2DB5B5



49AEDE



E38B93



CE9969

Sweetspot

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



2DB5B5



B5EBEB



2DB52D



547575



F5F5F5



757575

Same Dimension

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



2DB5B5



17EBEB



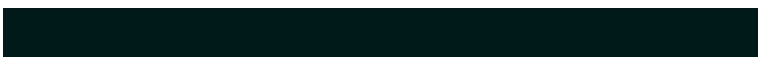
2D71B5



505959



009999



001A1A

Inverse Universe

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



B52DB5



EB17EB



B5712D



595059



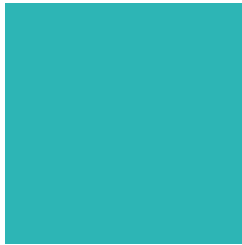
990099



1A001A

Previews

White Background



This preview shows how the Hex color 2DB5B5 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 2DB5B5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

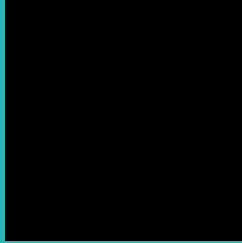
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

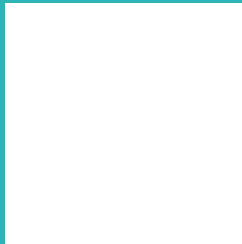
Any Text WCAG AAA ✓ Pass

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

Hex 2DB5B5 Background



This preview shows how black text looks on a background with the Hex color 2DB5B5.

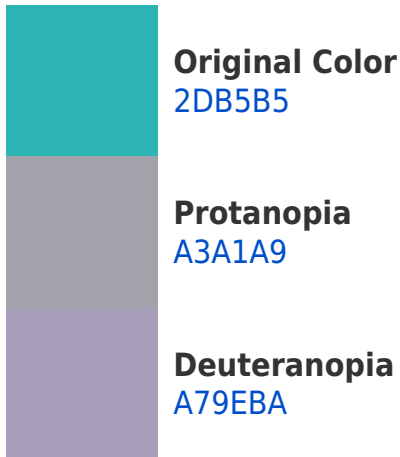


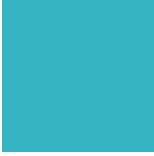
This preview shows how white text looks on a background with the Hex color 2DB5B5.

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
36B3C2

Trichromacy



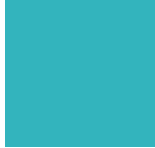
Original Color
2DB5B5



Protanomaly
78A8AD



Deuteranomaly
7BA6B8



Tritanomaly
33B4BD

Monochromacy



Original Color
2DB5B5



Achromatopsia
8C8C8C



Achromatomaly
699B9B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DB5B5 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 #2DB5B5 looks like.

```
.text, #text, p{  
    color:#2DB5B5  
}
```

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 #2DB5B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DB5B5
}
```

Border

The CSS property to change the border of an element to Hex 2DB5B5 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
#2DB5B5 }
```

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

```
.border{ border-color:#2DB5B5 }
```

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

Here you see how a box with a 4 pixel #2DB5B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DB5B5; -webkit-box-shadow:4px 4px  
4px 4px #2DB5B5; box-shadow:4px 4px 4px  
4px #2DB5B5 }
```

Background

The CSS property to change the background color of an element to Hex 2DB5B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DB5B5 }
```

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

```
.background{ background-color:#2DB5B5 }
```

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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