

Converting Colors

Hex(2DB5D7)

Have a look what the booklet for
Hex(2DB5D7) contains.

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Color

Hex(2DB5D7)

Conversions

Conversions Part 1

Format	Color
Hex	2DB5D7
RGB	45, 181, 215
RGB Percent	18%, 71%, 84%
CMY	0.8235, 0.2902, 0.1569
CMYK	0.79, 0.16, 0.00, 0.16
HSL	192°, 68%, 51%
HSV	192°, 79%, 84%
XYZ	29.8718, 38.5119, 70.1491
YIQ	144.2120, -91.9700, -18.2580

Conversions

Conversions Part 2

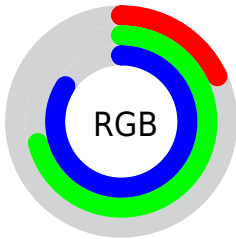
Format	Color
<code>RYB</code>	45, 121, 215
Decimal	2995671
CIELab	68.40, -23.83, -27.23
CIELCh	68, 36.182, 228.805
Yxy	38.5119, 0.2156, 0.2780
Android (android.graphics.Color)	4281185751 (0xFF2DB5D7)
YUV	144.2120, 34.8985, -87.0089
Hunter-Lab	62.0580, -22.6799, -23.5797

Details

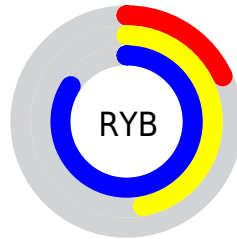
The Hex color **2DB5D7** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **D74F2D**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **76EDFF**, and **0080A0** is the 20% darker color. If you saturate the color by 10%, you get **18B1D7**, and if you desaturate by 10%, it is **43B9D7**.

Distribution



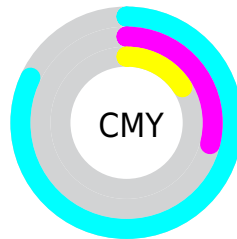
- Red (18%)
- Green (71%)
- Blue (84%)



- Red (18%)
- Yellow (47%)
- Blue (84%)



- Cyan (79%)
- Magenta (16%)
- Yellow (0%)
- Black (16%)



- Cyan (82%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DB5D7 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 2DB5D7 by changing the saturation by 10% instead.

 2DB5D7

 2DB5D7

FFFFFF

 009ABB

 76EDFF

 0080A0

 96FFFF

 006786

 B5FFFF

 004E6C

 D3FFFF

 003754

 F2FFFF

 00233D

 000327

 000110

 000000

■ 2DB5D7

■ 2DB5D7

■ 18B1D7

■ 43B9D7

■ 02ACD7

■ 58BED7

■ 00ACD7

■ 6EC2D7

■ 83C6D7

■ 99CBD7

■ AECFD7

■ C4D3D7

■ D9D7D7

■ EFDCD7

Harmonies

Analogous

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



2DB8BB



2DB5D7



63AEE6

Triad

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



2DB5D7



DF8FB4



A8AB68

Complementary

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



2DB5D7



D74F2D

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.



C7A167



2DB5D7



E78E93

Square

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



2DB5D7



C497D2



DE9577



82B37B

Rectangle

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



2DB5D7



88A7E7



DE9577



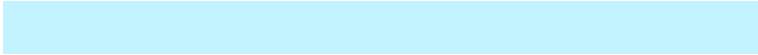
B3A865

Sweetspot

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



2DB5D7



C2F3FF



2DD74F



5B7880



000000



808080

Same Dimension

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



2DB5D7



0DCFFB



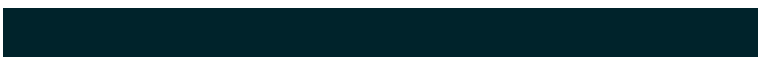
2D60D7



60696B



0089AB



00232B

Inverse Universe

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



D72DB5



FF0DCF



D7A42D



6B6069



AB0089



2B0023

Previews

White Background



This preview shows how the Hex color 2DB5D7 looks on a white background.

Color Contrast Check

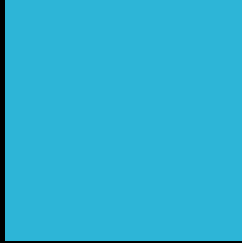
Large Text (above 18pt) WCAG AA × Fail

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 2DB5D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

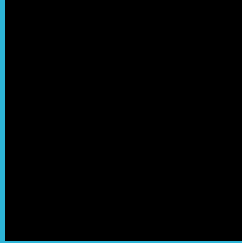
Any Text WCAG AA ✓ Pass

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 2DB5D7 Background



This preview shows how black text looks on a background with the Hex color 2DB5D7.

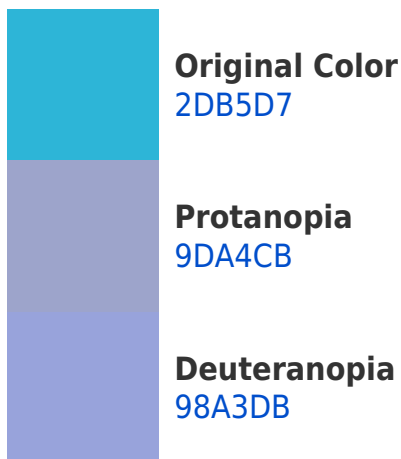


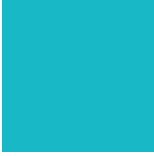
This preview shows how white text looks on a background with the Hex color 2DB5D7.

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](#).

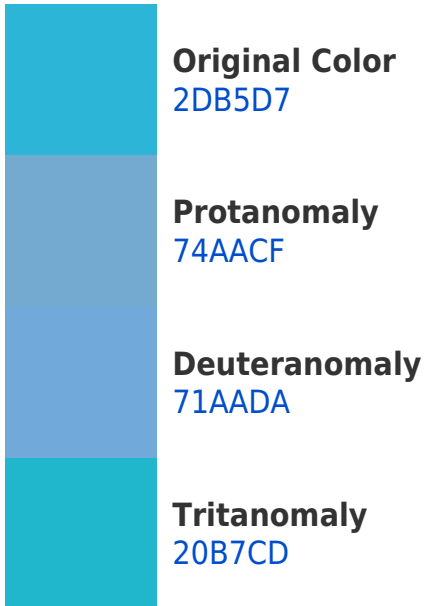
Dichromacy



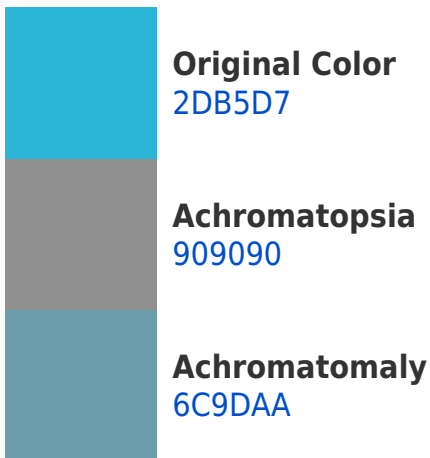


Tritanopia
19B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2DB5D7 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 #2DB5D7 looks like.

```
.text, #text, p{  
    color:#2DB5D7  
}
```

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 #2DB5D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DB5D7
}
```

Border

The CSS property to change the border of an element to Hex 2DB5D7 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
#2DB5D7 }
```

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

```
.border{ border-color:#2DB5D7 }
```

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

Here you see how a box with a 4 pixel #2DB5D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DB5D7; -webkit-box-shadow:4px 4px  
4px 4px #2DB5D7; box-shadow:4px 4px 4px  
4px #2DB5D7 }
```

Background

The CSS property to change the background color of an element to Hex 2DB5D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DB5D7 }
```

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

```
.background{ background-color:#2DB5D7 }
```

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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