

Converting Colors

Hex(2DB3DF)

Have a look what the booklet for
Hex(2DB3DF) contains.

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Color

Hex(2DB3DF)

Conversions

Conversions Part 1

Format	Color
Hex	2DB3DF
RGB	45, 179, 223
RGB Percent	18%, 70%, 87%
CMY	0.8235, 0.2980, 0.1255
CMYK	0.80, 0.20, 0.00, 0.13
HSL	195°, 74%, 53%
HSV	195°, 80%, 87%
XYZ	30.5216, 38.1258, 75.5624
YIQ	143.9500, -93.9880, -14.7240

Conversions

Conversions Part 2

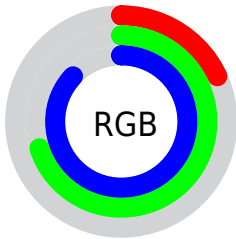
Format	Color
R_{YB}	45, 121, 223
Decimal	2995167
CIE _{Lab}	68.11, -20.16, -32.05
CIE _{LCh}	68, 37.863, 237.823
Yxy	38.1258, 0.2116, 0.2644
Android (android.graphics.Color)	4281185247 (0xFF2DB3DF)
YUV	143.9500, 38.9717, -86.7791
Hunter-Lab	61.7461, -19.8217, -29.3345

Details

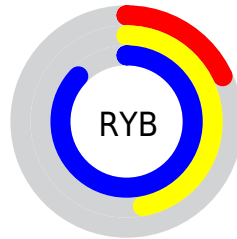
The Hex color **2DB3DF** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **DF592D**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **77EBFF**, and **007EA8** is the 20% darker color. If you saturate the color by 10%, you get **17ADDF**, and if you desaturate by 10%, it is **43B9DF**.

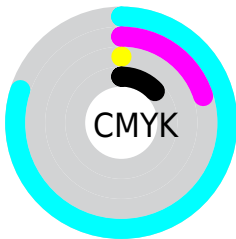
Distribution



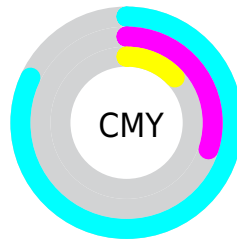
- Red (18%)
- Green (70%)
- Blue (87%)



- Red (18%)
- Yellow (47%)
- Blue (87%)



- Cyan (80%)
- Magenta (20%)
- Yellow (0%)
- Black (13%)



- Cyan (82%)
- Magenta (30%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DB3DF 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 2DB3DF by changing the saturation by 10% instead.

 2DB3DF

 2DB3DF

FFFFFF

 0098C3

 77EBFF

 007EA8

 97FFFF

 00658D

 B6FFFF

 004D73

 D5FFFF

 00365B

 F4FFFF

 002243

 00032D

 000117

 000000

■ 2DB3DF

■ 2DB3DF

■ 17ADDF

■ 43B9DF

■ 00A8DF

■ 5ABEDF

■ 70C4DF

■ 86C9DF

■ 9DCDFD

■ B3D4DF

■ C9DADF

■ DFDDFD

■ F6E5DF

Harmonies

Analogous

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



00B8C5



2DB3DF



6FAAEA

Triad

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



2DB3DF



E58BAA



9CAE68

Complementary

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



2DB3DF



DF592D

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.



BFA361



2DB3DF



E88E88

Square

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



2DB3DF



CF92CB



D9976D



73B580

Rectangle

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



2DB3DF



95A2E7



D9976D



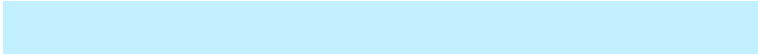
A8AA64

Sweetspot

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



2DB3DF



C2F0FF



2DDF57



5B7680



000000



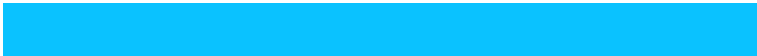
808080

Same Dimension

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



2DB3DF



0AC2FF



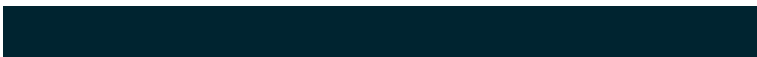
2D5CDF



656D70



0084B0



002430

Inverse Universe

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



DF2DB3



FF0AC2



DFB02D



70656D



B00084



300024

Previews

White Background



This preview shows how the Hex color 2DB3DF looks on a white background.

Color Contrast Check

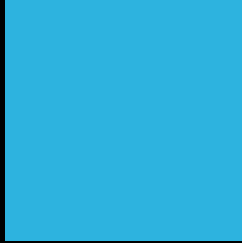
Large Text (above 18pt) WCAG AA × Fail

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 2DB3DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

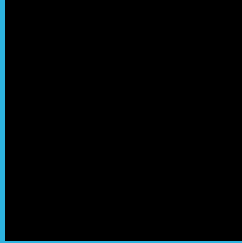
Any Text WCAG AA ✓ Pass

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 2DB3DF Background



This preview shows how black text looks on a background with the Hex color 2DB3DF.

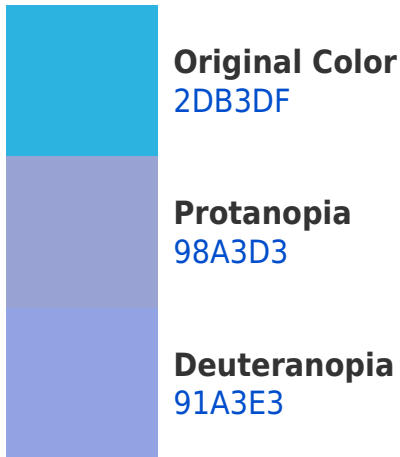


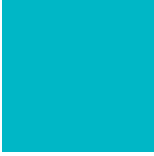
This preview shows how white text looks on a background with the Hex color 2DB3DF.

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
00B7C6

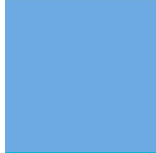
Trichromacy



Original Color
2DB3DF



Protanomaly
71A9D7



Deuteranomaly
6DA9E2

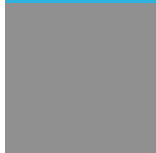


Tritanomaly
10B6CF

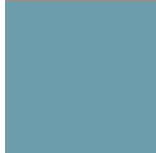
Monochromacy



Original Color
2DB3DF



Achromatopsia
909090



Achromatomaly
6C9DAD

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DB3DF 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 #2DB3DF looks like.

```
.text, #text, p{  
    color:#2DB3DF  
}
```

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 #2DB3DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DB3DF
}
```

Border

The CSS property to change the border of an element to Hex 2DB3DF 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
#2DB3DF }
```

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

```
.border{ border-color:#2DB3DF }
```

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

Here you see how a box with a 4 pixel #2DB3DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DB3DF; -webkit-box-shadow:4px 4px  
4px 4px #2DB3DF; box-shadow:4px 4px 4px  
4px #2DB3DF }
```

Background

The CSS property to change the background color of an element to Hex 2DB3DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DB3DF }
```

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

```
.background{ background-color:#2DB3DF }
```

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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