

Converting Colors

Hex(2DC3F4)

Have a look what the booklet for
Hex(2DC3F4) contains.

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Color

Hex(2DC3F4)

Conversions

Conversions Part 1

Format	Color
Hex	2DC3F4
RGB	45, 195, 244
RGB Percent	18%, 76%, 96%
CMY	0.8235, 0.2353, 0.0431
CMYK	0.82, 0.20, 0.00, 0.04
HSL	195°, 90%, 57%
HSV	195°, 82%, 96%
XYZ	36.9264, 46.1198, 92.5437
YIQ	155.7360, -105.1290, -16.5610

Conversions

Conversions Part 2

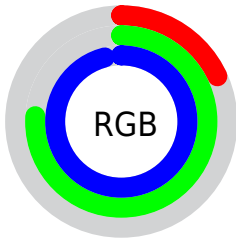
Format	Color
R_{YB}	45, 131, 244
Decimal	2999284
CIE _{Lab}	73.62, -21.47, -34.93
CIE _{LCh}	74, 40.996, 238.424
Yxy	46.1198, 0.2103, 0.2627
Android (android.graphics.Color)	4281189364 (0xFF2DC3F4)
YUV	155.7360, 43.5142, -97.1155
Hunter-Lab	67.9115, -21.7870, -33.2570

Details

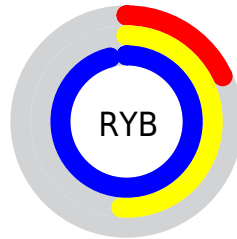
The Hex color **2DC3F4** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **F45E2D**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **7CFCFF**, and **008DBC** is the 20% darker color. If you saturate the color by 10%, you get **15BDF4**, and if you desaturate by 10%, it is **45C9F4**.

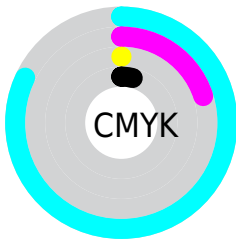
Distribution



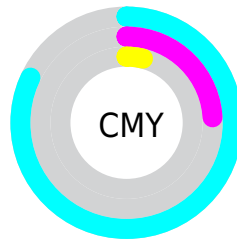
- Red (18%)
- Green (76%)
- Blue (96%)



- Red (18%)
- Yellow (51%)
- Blue (96%)



- Cyan (82%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (82%)
- Magenta (24%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DC3F4 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 2DC3F4 by changing the saturation by 10% instead.

 2DC3F4

 2DC3F4

FFFFFF

 00A8D7

 7CFCFF

 008DBC

 9DFFFF

 0074A0

 BCFFFF

 005B86

 DCFFFF

 00436D

 FBFFFF

 002D54

 00183D

 000326

 00010F

 2DC3F4

 2DC3F4

 15BDF4

 45C9F4

 00B8F4

 5ECFF4

 76D5F4

 8FD8F4

 A7E1F4

 BFE7F4

 D8EDF4

 F0F3F4

 FFF9F4

Harmonies

Analogous

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



00C8D7



2DC3F4



79B9FF

Triad

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



2DC3F4



FA97B8



A9BD71

Complementary

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



2DC3F4



F45E2D

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.



CFB269



2DC3F4



FD9A93

Square

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



2DC3F4



E29FDD



EDA576



7CC58C

Rectangle

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



2DC3F4



A3B1FC



EDA576



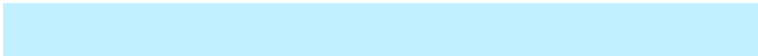
B6BA6C

Sweetspot

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



2DC3F4



C2F0FF



2DF45B



5B7680



000000



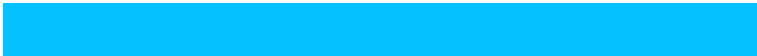
808080

Same Dimension

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



2DC3F4



05C1FF



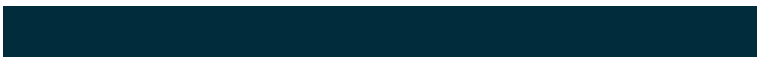
2D62F4



6E777A



008CBA



002C3B

Inverse Universe

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



F42DC3



FF05C1



F4BF2D



7A6E77



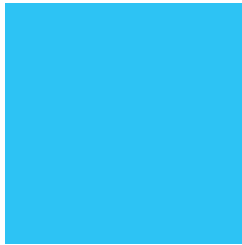
BA008C



3B002C

Previews

White Background



This preview shows how the Hex color 2DC3F4 looks on a white background.

Color Contrast Check

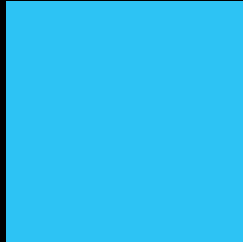
Large Text (above 18pt) WCAG AA × Fail

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 2DC3F4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

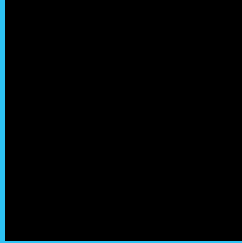
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

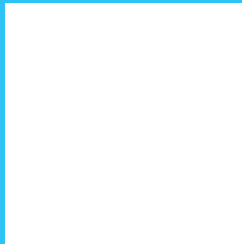
Any Text WCAG AAA ✓ Pass

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

Hex 2DC3F4 Background



This preview shows how black text looks on a background with the Hex color 2DC3F4.

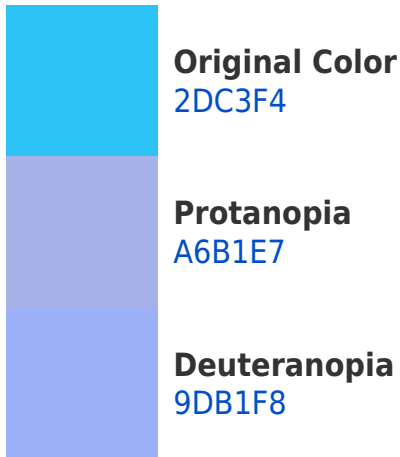


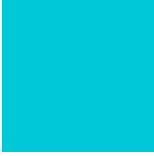
This preview shows how white text looks on a background with the Hex color 2DC3F4.

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](#).

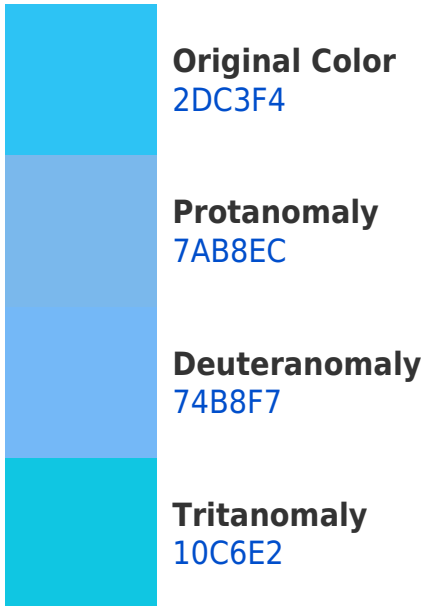
Dichromacy



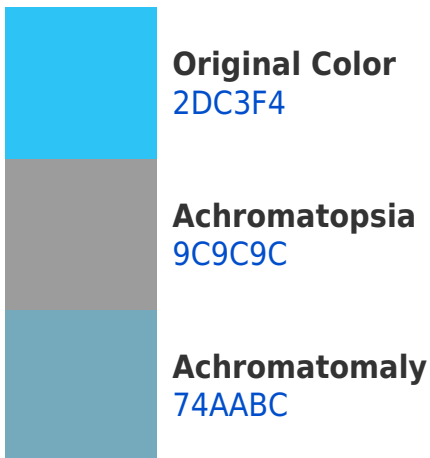


Tritanopia
00C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2DC3F4 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 #2DC3F4 looks like.

```
.text, #text, p{  
    color:#2DC3F4  
}
```

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 #2DC3F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DC3F4
}
```

Border

The CSS property to change the border of an element to Hex 2DC3F4 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
#2DC3F4 }
```

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

```
.border{ border-color:#2DC3F4 }
```

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

Here you see how a box with a 4 pixel #2DC3F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DC3F4; -webkit-box-shadow:4px 4px  
4px 4px #2DC3F4; box-shadow:4px 4px 4px  
4px #2DC3F4 }
```

Background

The CSS property to change the background color of an element to Hex 2DC3F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DC3F4 }
```

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

```
.background{ background-color:#2DC3F4 }
```

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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