

Converting Colors

Hex(2DC5F3)

Have a look what the booklet for
Hex(2DC5F3) contains.

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Color

Hex(2DC5F3)

Conversions

Conversions Part 1

Format	Color
Hex	2DC5F3
RGB	45, 197, 243
RGB Percent	18%, 77%, 95%
CMY	0.8235, 0.2275, 0.0471
CMYK	0.81, 0.19, 0.00, 0.05
HSL	194°, 89%, 56%
HSV	194°, 81%, 95%
XYZ	37.2261, 46.9615, 91.8965
YIQ	156.7960, -105.3580, -17.9180

Conversions

Conversions Part 2

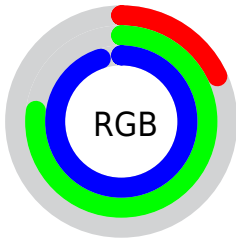
Format	Color
R _Y B	45, 131, 243
Decimal	2999795
CIE Lab	74.17, -22.82, -33.55
CIE LCh	74, 40.574, 235.779
Yxy	46.9615, 0.2114, 0.2667
Android (android.graphics.Color)	4281189875 (0xFF2DC5F3)
YUV	156.7960, 42.4986, -98.0451
Hunter-Lab	68.5284, -22.9598, -31.5379

Details

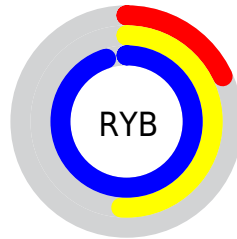
The Hex color **2DC5F3** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **F35B2D**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **7CFEFF**, and **008FBB** is the 20% darker color. If you saturate the color by 10%, you get **15BFF3**, and if you desaturate by 10%, it is **45CBF3**.

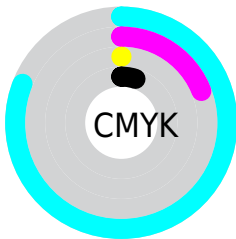
Distribution



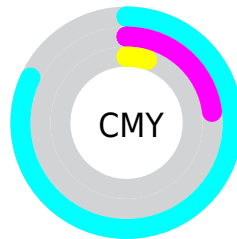
- Red (18%)
- Green (77%)
- Blue (95%)



- Red (18%)
- Yellow (51%)
- Blue (95%)



- Cyan (81%)
- Magenta (19%)
- Yellow (0%)
- Black (5%)



- Cyan (82%)
- Magenta (23%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DC5F3 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 2DC5F3 by changing the saturation by 10% instead.

 2DC5F3

 2DC5F3

FFFFFF

 00AAD6

 7CFE9F

 008FBB

 9DFFFF

 0075A0

 BCFFFF

 005C85

 DCFFFF

 00456C

 FBFFFF

 002E53

 001A3C

 000226

 00010F

■ 2DC5F3

■ 2DC5F3

■ 15BFF3

■ 45CBF3

■ 00BBF3

■ 5ED0F3

■ 76D6F3

■ 8EDCF3

■ A6E1F3

■ BFE7F3

■ D7EDF3

■ EFF2F3

■ FFF8F3

Harmonies

Analogous

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



06CAD5



2DC5F3



76BCFF

Triad

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



2DC5F3



FA9ABD



AEBE72

Complementary

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



2DC5F3



F35B2D

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.



D4B26B



2DC5F3



FE9B98

Square

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



2DC5F3



E0A1E1



F0A57A



82C68B

Rectangle

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



2DC5F3



A0B3FE



F0A57A



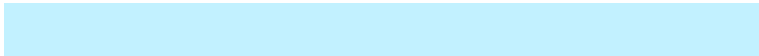
BBBA6D

Sweetspot

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



2DC5F3



C2F1FF



2DF358



5B7780



000000



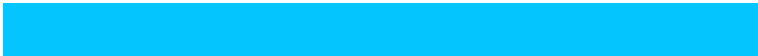
808080

Same Dimension

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



2DC5F3



05C5FF



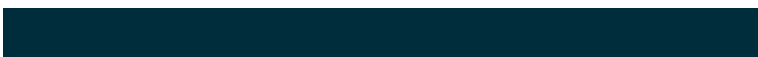
2D65F3



6E787A



008FBA



002D3B

Inverse Universe

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



F32DC5



FF05C5



F3BB2D



7A6E78



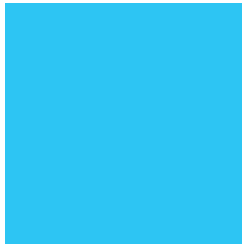
BA008F



3B002D

Previews

White Background



This preview shows how the Hex color 2DC5F3 looks on a white background.

Color Contrast Check

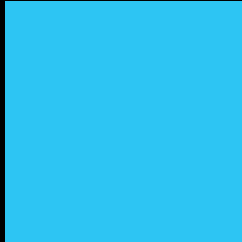
Large Text (above 18pt) WCAG AA × Fail

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 2DC5F3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

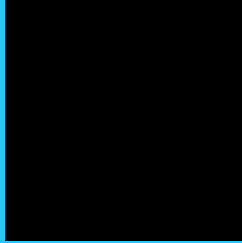
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

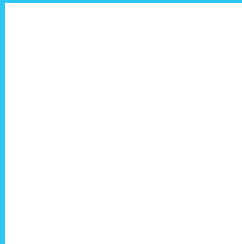
Any Text WCAG AAA ✓ Pass

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

Hex 2DC5F3 Background



This preview shows how black text looks on a background with the Hex color 2DC5F3.

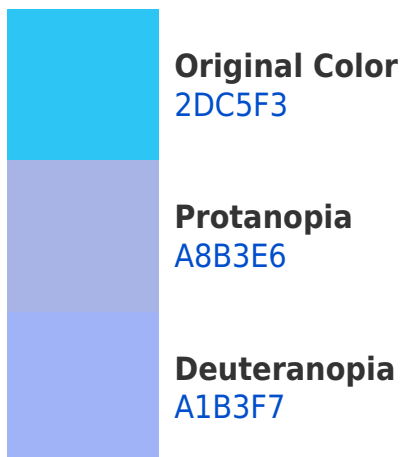


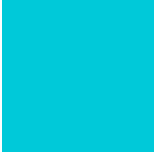
This preview shows how white text looks on a background with the Hex color 2DC5F3.

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](#).

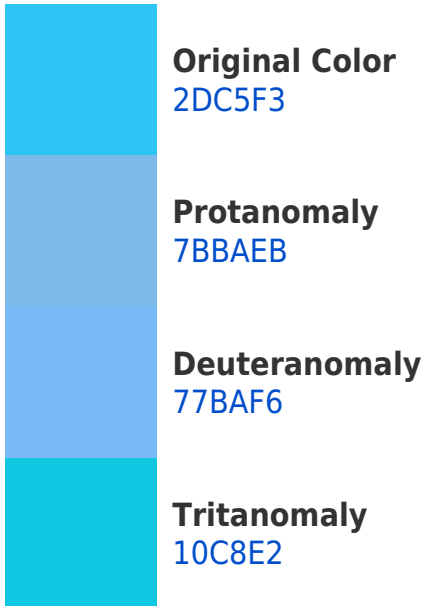
Dichromacy



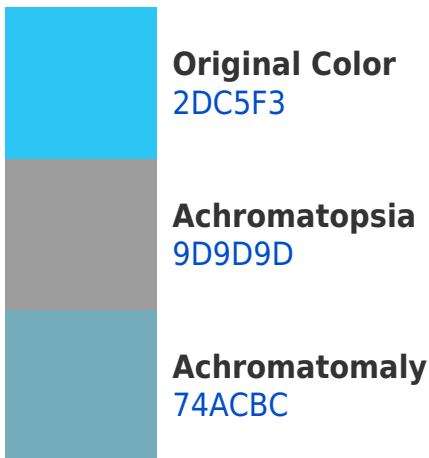


Tritanopia
00C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2DC5F3 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 #2DC5F3 looks like.

```
.text, #text, p{  
    color:#2DC5F3  
}
```

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 #2DC5F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DC5F3
}
```

Border

The CSS property to change the border of an element to Hex 2DC5F3 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
#2DC5F3 }
```

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

```
.border{ border-color:#2DC5F3 }
```

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

Here you see how a box with a 4 pixel #2DC5F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DC5F3; -webkit-box-shadow:4px 4px  
4px 4px #2DC5F3; box-shadow:4px 4px 4px  
4px #2DC5F3 }
```

Background

The CSS property to change the background color of an element to Hex 2DC5F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DC5F3 }
```

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

```
.background{ background-color:#2DC5F3 }
```

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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