

Converting Colors

Hex(2DD2F1)

Have a look what the booklet for
Hex(2DD2F1) contains.

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Color

Hex(2DD2F1)

Conversions

Conversions Part 1

Format	Color
Hex	2DD2F1
RGB	45, 210, 241
RGB Percent	18%, 82%, 95%
CMY	0.8235, 0.1765, 0.0549
CMYK	0.81, 0.13, 0.00, 0.05
HSL	189°, 87%, 56%
HSV	189°, 81%, 95%
XYZ	40.0060, 53.0019, 91.3410
YIQ	164.1990, -108.2910, -25.3390

Conversions

Conversions Part 2

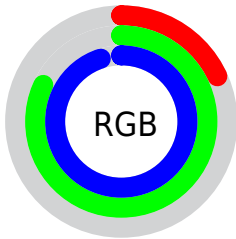
Format	Color
R_{YB}	45, 135, 241
Decimal	3003121
CIE _{Lab}	77.88, -29.93, -26.77
CIE _{LCh}	78, 40.151, 221.814
Yxy	53.0019, 0.2170, 0.2875
Android (android.graphics.Color)	4281193201 (0xFF2DD2F1)
YUV	164.1990, 37.8629, -104.5375
Hunter-Lab	72.8024, -29.3160, -23.4260

Details

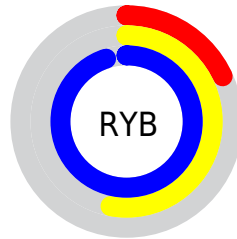
The Hex color **2DD2F1** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F14C2D**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **7DFFFF**, and **009BB9** is the 20% darker color. If you saturate the color by 10%, you get **15CEF1**, and if you desaturate by 10%, it is **45D6F1**.

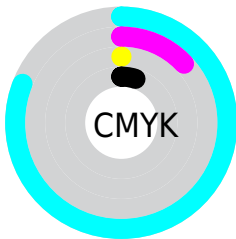
Distribution



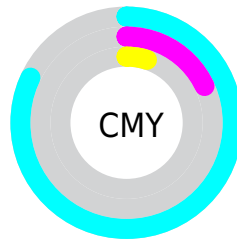
- Red (18%)
- Green (82%)
- Blue (95%)



- Red (18%)
- Yellow (53%)
- Blue (95%)



- Cyan (81%)
- Magenta (13%)
- Yellow (0%)
- Black (5%)



- Cyan (82%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DD2F1 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 2DD2F1 by changing the saturation by 10% instead.

 2DD2F1

 2DD2F1

FFFFFF

 00B6D5

 7DFFFF

 009BB9

 9EFFFF

 00819E

 BEFFFF

 006784

 DDFFFF

 004F6A

 FDFFFF

 003752

 00233B

 000225

 00010E

 2DD2F1

 2DD2F1

 15CEF1

 45D6F1

 00CBF1

 5DDAF1

 75DDF1

 8DE1F1

 A5E5F1

 BEE9F1

 D6EDF1

 EEF0F1

 FFF4F1

Harmonies

Analogous

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



41D5CE



2DD2F1



64CBFF

Triad

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



2DD2F1



FBA7D9



CBC377

Complementary

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



2DD2F1



F14C2D

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.



EDB67A



2DD2F1



FFA4B3

Square

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



2DD2F1



D8B2F8



FFAA91



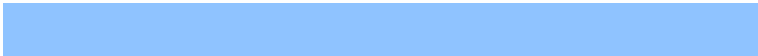
A2CD88

Rectangle

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



2DD2F1



8FC3FF



FFAA91



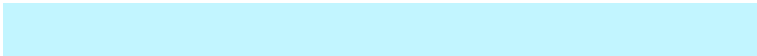
D7BF75

Sweetspot

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



2DD2F1



C2F5FF



2DF14A



5B7A80



000000



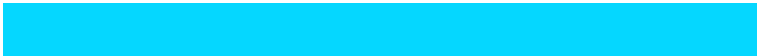
808080

Same Dimension

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



2DD2F1



05D7FF



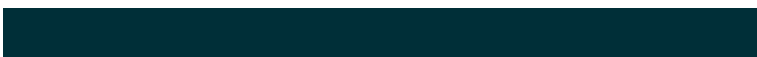
2D72F1



6C7678



009BB8



002F38

Inverse Universe

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



F12DD2



FF05D7



F1AC2D



786C76



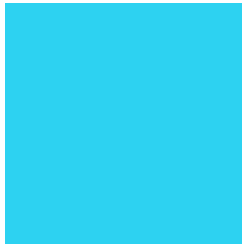
B8009B



38002F

Previews

White Background



This preview shows how the Hex color 2DD2F1 looks on a white background.

Color Contrast Check

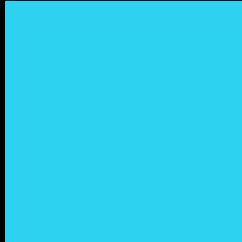
Large Text (above 18pt) WCAG AA × Fail

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 2DD2F1 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 2DD2F1 Background



This preview shows how black text looks on a background with the Hex color 2DD2F1.

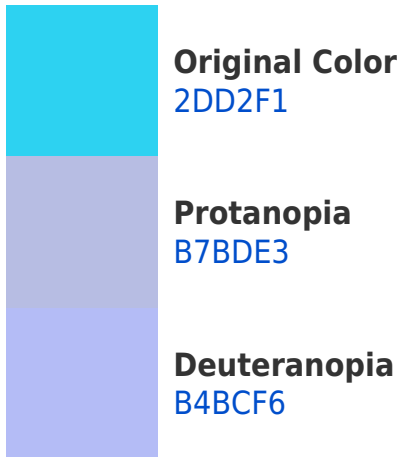


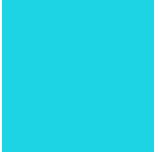
This preview shows how white text looks on a background with the Hex color 2DD2F1.

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
1DD4E5

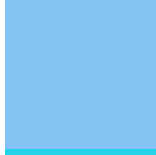
Trichromacy



Original Color
2DD2F1



Protanomaly
85C5E8



Deuteranomaly
83C4F4

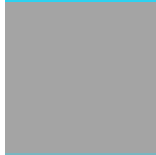


Tritanomaly
23D3E9

Monochromacy



Original Color
2DD2F1



Achromatopsia
A4A4A4



Achromatomaly
79B5C0

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DD2F1 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 #2DD2F1 looks like.

```
.text, #text, p{  
    color:#2DD2F1  
}
```

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 #2DD2F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DD2F1
}
```

Border

The CSS property to change the border of an element to Hex 2DD2F1 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
#2DD2F1 }
```

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

```
.border{ border-color:#2DD2F1 }
```

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

Here you see how a box with a 4 pixel #2DD2F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DD2F1; -webkit-box-shadow:4px 4px  
4px 4px #2DD2F1; box-shadow:4px 4px 4px  
4px #2DD2F1 }
```

Background

The CSS property to change the background color of an element to Hex 2DD2F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DD2F1 }
```

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

```
.background{ background-color:#2DD2F1 }
```

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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