

Converting Colors

Hex(2DF5B1)

Have a look what the booklet for
Hex(2DF5B1) contains.

Hex(2DF5B1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2DF5B1)

Conversions

Conversions Part 1

Format	Color
Hex	2DF5B1
RGB	45, 245, 177
RGB Percent	18%, 96%, 69%
CMY	0.8235, 0.0392, 0.3059
CMYK	0.82, 0.00, 0.28, 0.04
HSL	160°, 91%, 57%
HSV	160°, 82%, 96%
XYZ	41.6704, 69.0370, 52.7242
YIQ	177.4480, -97.3720, -63.5480

Conversions

Conversions Part 2

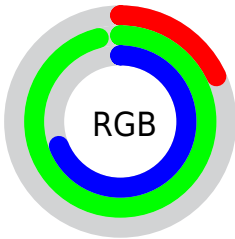
Format	Color
R_{YB}	45, 165, 245
Decimal	3012017
CIE _{Lab}	86.52, -62.07, 19.71
CIE _{LCh}	87, 65.122, 162.383
Yxy	69.0370, 0.2550, 0.4224
Android (android.graphics.Color)	4281202097 (0xFF2DF5B1)
YUV	177.4480, -0.2209, -116.1569
Hunter-Lab	83.0885, -55.8839, 20.5392

Details

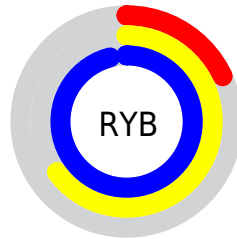
The Hex color **2DF5B1** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **F52D71**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **7DFFE9**, and **00BB7C** is the 20% darker color. If you saturate the color by 10%, you get **15F5A9**, and if you desaturate by 10%, it is **46F5B9**.

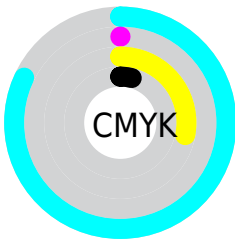
Distribution



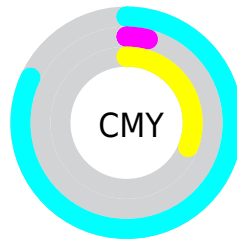
- Red (18%)
- Green (96%)
- Blue (69%)



- Red (18%)
- Yellow (65%)
- Blue (96%)



- Cyan (82%)
- Magenta (0%)
- Yellow (28%)
- Black (4%)



- Cyan (82%)
- Magenta (4%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DF5B1 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 2DF5B1 by changing the saturation by 10% instead.

 2DF5B1

 2DF5B1

FFFFFF

 00D896

 7DFFE9

 00BB7C

 9EFFFF

 00A063

 BEFFFF

 00844B

 DEFFFF

 006A34

 FDFFFF

 00501E

 003807

 001F00

 000000

 2DF5B1

 2DF5B1

 15F5A9

 46F5B9

 00F5A2

 5EF5C2

 77F5CA

 8FF5D2

 A8F5DB

 C0F5E3

 D9F5EB

 F1F5F4

 FFF5FC

Harmonies

Analogous

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



9FEC79



2DF5B1



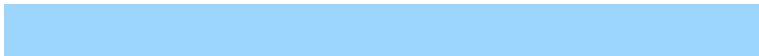
00F8F1

Triad

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



2DF5B1



9CD6FF



FFB188

Complementary

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



2DF5B1



F52D71

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.



FFA3C1



2DF5B1



FEBEFF

Square

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



2DF5B1



00E9FF



FFA9FF



FFC860

Rectangle

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



2DF5B1



00F6FF



FFA9FF



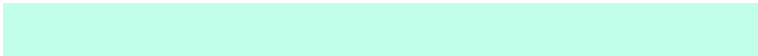
FFAB9A

Sweetspot

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



2DF5B1



C2FFEA



73F52D



5B8073



000000



808080

Same Dimension

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



2DF5B1



05FFAA



2DD7F5



6E7A76



00BA7B



003B27

Inverse Universe

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



F52D71



FF055A



F54B2D



7A6E72



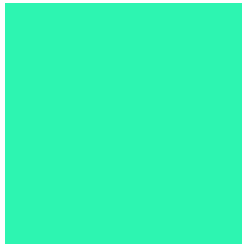
BA003F



3B0014

Previews

White Background



This preview shows how the Hex color 2DF5B1 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 2DF5B1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

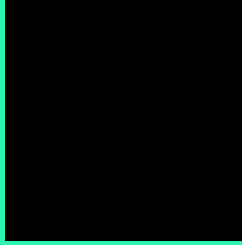
Any Text WCAG AA ✓ Pass

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 2DF5B1 Background



This preview shows how black text looks on a background with the Hex color 2DF5B1.

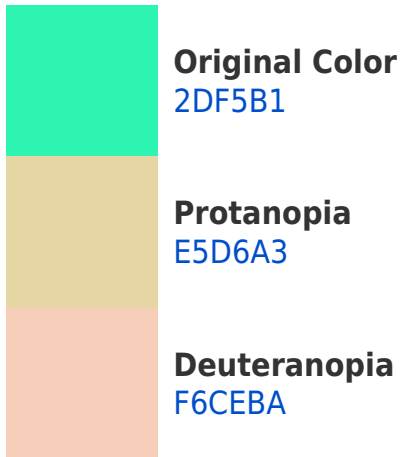


This preview shows how white text looks on a background with the Hex color 2DF5B1.

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
5AEBFE

Trichromacy



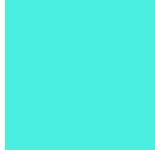
Original Color
2DF5B1



Protanomaly
A2E1A8



Deuteranomaly
ADDCB7

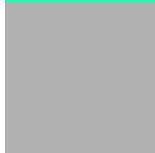


Tritanomaly
4AEFE2

Monochromacy



Original Color
2DF5B1



Achromatopsia
B1B1B1



Achromatomaly
81CAB1

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DF5B1 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 #2DF5B1 looks like.

```
.text, #text, p{  
    color:#2DF5B1  
}
```

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 #2DF5B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DF5B1
}
```

Border

The CSS property to change the border of an element to Hex 2DF5B1 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
#2DF5B1 }
```

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

```
.border{ border-color:#2DF5B1 }
```

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

Here you see how a box with a 4 pixel #2DF5B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DF5B1; -webkit-box-shadow:4px 4px  
4px 4px #2DF5B1; box-shadow:4px 4px 4px  
4px #2DF5B1 }
```

Background

The CSS property to change the background color of an element to Hex 2DF5B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DF5B1 }
```

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

```
.background{ background-color:#2DF5B1 }
```

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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