

# Converting Colors

Hex(2CF5C1)

Have a look what the booklet for  
Hex(2CF5C1) contains.

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# Color

Hex(2CF5C1)

# Conversions

## Conversions Part 1

Format	Color
Hex	2CF5C1
RGB	44, 245, 193
RGB Percent	17%, 96%, 76%
CMY	0.8275, 0.0392, 0.2431
CMYK	0.82, 0.00, 0.21, 0.04
HSL	164°, 91%, 57%
HSV	164°, 82%, 96%
XYZ	43.3168, 69.6905, 61.6207
YIQ	178.9730, -103.1040, -58.7840

# Conversions

## Conversions Part 2

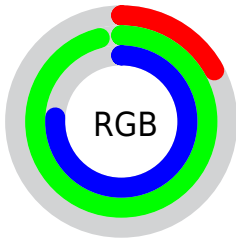
Format	Color
<b>RYB</b>	44, 159, 245
Decimal	2946497
CIELab	86.84, -58.52, 11.89
CIELCh	87, 59.715, 168.518
Yxy	69.6905, 0.2481, 0.3991
Android (android.graphics.Color)	4281136577 (0xFF2CF5C1)
YUV	178.9730, 6.9153, -118.3713
Hunter-Lab	83.4809, -53.4710, 14.6722

# Details

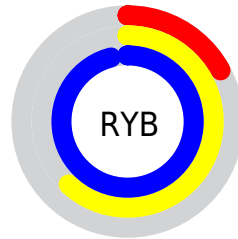
The Hex color **2CF5C1** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **F52C60**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **7DFFF9**, and **00BB8B** is the 20% darker color. If you saturate the color by 10%, you get **13F5BB**, and if you desaturate by 10%, it is **44F5C7**.

# Distribution



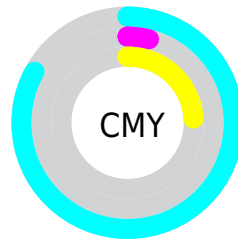
- Red (17%)
- Green (96%)
- Blue (76%)



- Red (17%)
- Yellow (62%)
- Blue (96%)



- Cyan (82%)
- Magenta (0%)
- Yellow (21%)
- Black (4%)



- Cyan (83%)
- Magenta (4%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2CF5C1 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 2CF5C1 by changing the saturation by 10% instead.



 2CF5C1

 2CF5C1

FFFFFF

 00D8A6

 7DFFF9

 00BB8B

 9EFFFF

 00A072

 BFFFFFF

 008559

 DEFFFF

 006A42

FEFFFF

 00502C

 003817

 002000

 000000

 2CF5C1

 2CF5C1

 13F5BB

 44F5C7

 00F5B6

 5DF5CE

 76F5D4

 8EF5DA

 A6F5E1

 BFF5E7

 D7F5ED

 F0F5F4

 FFF5FA

# Harmonies

## Analogous

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



97EE8C



2CF5C1



00F6FC

# Triad

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



2CF5C1



BAD3FF



FFBA87

# Complementary

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



2CF5C1



F52C60

# 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.



FFABB8



2CF5C1



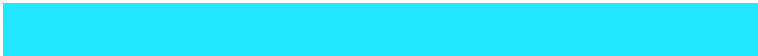
FFBDFD

# Square

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



2CF5C1



23E6FF



FFACF2



FFCF68

# Rectangle

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



2CF5C1



00F4FF



FFACF2



FFB496

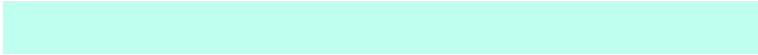


# Sweetspot

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



2CF5C1



BFFFEE



62F52C



598076



000000



808080



# Same Dimension

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



2CF5C1



05FFBE



2CC6F5



6E7A77



00BA8A



003B2B



# Inverse Universe

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



F52C60



FF0546



F55B2C



7A6E71



BA0030

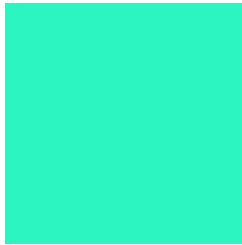


3B000F



# Previews

## White Background



This preview shows how the Hex color 2CF5C1 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 2CF5C1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

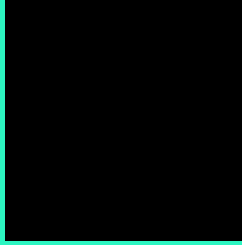
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 2CF5C1 Background



This preview shows how black text looks on a background with the Hex color 2CF5C1.

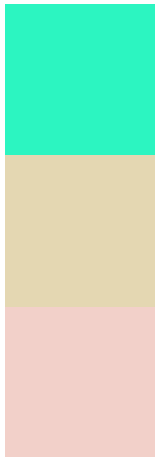


This preview shows how white text looks on a background with the Hex color 2CF5C1.

# 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](#).

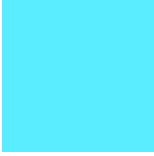
## Dichromacy



**Original Color**  
2CF5C1

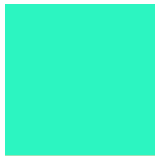
**Protanopia**  
E4D7B2

**Deuteranopia**  
F2D0C9



**Tritanopia**  
5AECFF

# Trichromacy



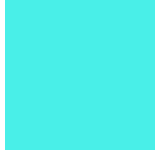
**Original Color**  
2CF5C1



**Protanomaly**  
A1E2B7



**Deuteranomaly**  
AADDC6

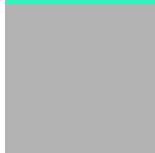


**Tritanomaly**  
49EFE8

# Monochromacy



**Original Color**  
2CF5C1



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
82CBB8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2CF5C1 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 #2CF5C1 looks like.

```
.text, #text, p{  
    color:#2CF5C1  
}
```

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 #2CF5C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CF5C1
}
```

## Border

The CSS property to change the border of an element to Hex 2CF5C1 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
#2CF5C1 }
```

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

```
.border{ border-color:#2CF5C1 }
```

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

Here you see how a box with a 4 pixel #2CF5C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CF5C1; -webkit-box-shadow:4px 4px  
4px 4px #2CF5C1; box-shadow:4px 4px 4px  
4px #2CF5C1 }
```

# Background

The CSS property to change the background color of an element to Hex 2CF5C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CF5C1 }
```

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

```
.background{ background-color:#2CF5C1 }
```

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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