

# Converting Colors

Hex(2CF9F2)

Have a look what the booklet for  
Hex(2CF9F2) contains.

<b>Hex(2CF9F2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(2CF9F2)

# Conversions

## Conversions Part 1

Format	Color
Hex	2CF9F2
RGB	44, 249, 242
RGB Percent	17%, 98%, 95%
CMY	0.8275, 0.0235, 0.0510
CMYK	0.82, 0.00, 0.03, 0.02
HSL	178°, 94%, 57%
HSV	178°, 82%, 98%
XYZ	50.9414, 74.6976, 95.7376
YIQ	186.9070, -119.9330, -45.6370

# Conversions

## Conversions Part 2

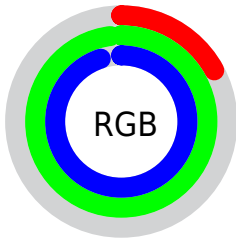
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	44, 148, 249
Decimal	2947570
CIE Lab	89.25, -47.52, -10.14
CIE LCh	89, 48.593, 192.040
Yxy	74.6976, 0.2301, 0.3374
Android (android.graphics.Color)	4281137650 (0xFF2CF9F2)
YUV	186.9070, 27.1608, -125.3294
Hunter-Lab	86.4278, -46.0390, -5.1771

# Details

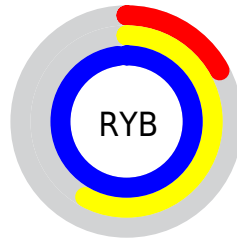
The Hex color **2CF9F2** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **F92C33**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **82FFFF**, and **00C0BA** is the 20% darker color. If you saturate the color by 10%, you get **13F9F1**, and if you desaturate by 10%, it is **45F9F3**.

# Distribution



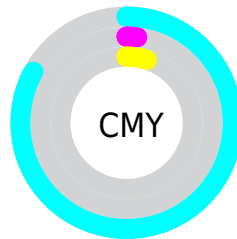
- Red (17%)
- Green (98%)
- Blue (95%)



- Red (17%)
- Yellow (58%)
- Blue (98%)



- Cyan (82%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)



- Cyan (83%)
- Magenta (2%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2CF9F2 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 2CF9F2 by changing the saturation by 10% instead.



 2CF9F2

 2CF9F2

FFFFFF

 00DCD6

 82FFFF

 00C0BA

 A3FFFF

 00A49F

 C4FFFF

 008985

 E5FFFF

 006F6C

 005554

 003D3D

 002727

 000113

 2CF9F2

 2CF9F2

 13F9F1

 45F9F3

 00F9F0

 5EF9F4

 77F9F5

 90F9F5

 A9F9F6

 C1F9F7

 DAF9F8

 F3F9F9

 FFF9FA

# Harmonies

## Analogous

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



7DF7C2



2CF9F2



00F6FF

# Triad

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



2CF9F2



FDCDFE



FFD488

# Complementary

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



2CF9F2



F92C33

# 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.



FFC4A4



2CF9F2



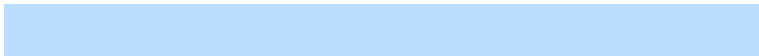
FFBFFE

# Square

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



2CF9F2



BBDEFF



FFBCCF



ECE384

# Rectangle

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



2CF9F2



43F1FF



FFBCCF



FFCE8F

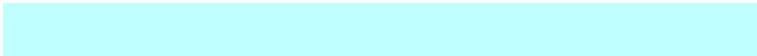


# Sweetspot

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



2CF9F2



BFFFFD



36F92C



59807E



000000



808080



# Same Dimension

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



2CF9F2



03FFF6



2C9DF9



707D7D



00BDB6



003D3B



# Inverse Universe

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



F92C33



FF030B



F9882C



7D7071



BD0006

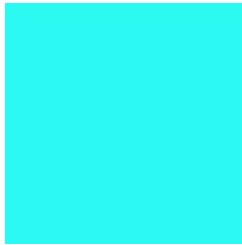


3D0002



# Previews

## White Background



This preview shows how the Hex color 2CF9F2 looks on a white background.

## Color Contrast Check

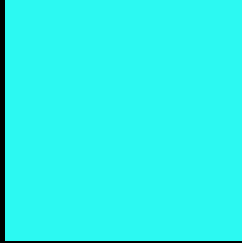
Large Text (above 18pt) WCAG AA × Fail

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 2CF9F2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

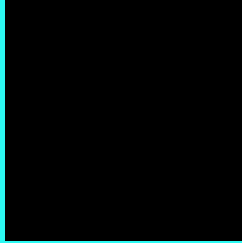
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

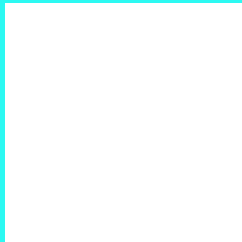
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2CF9F2 Background



This preview shows how black text looks on a background with the Hex color 2CF9F2.

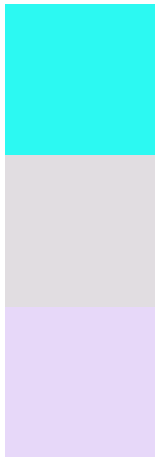


This preview shows how white text looks on a background with the Hex color 2CF9F2.

# 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](#).

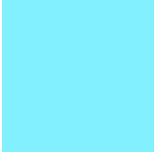
## Dichromacy



**Original Color**  
2CF9F2

**Protanopia**  
E1DDE1

**Deuteranopia**  
E7D8F9



**Tritanopia**  
83F0FF

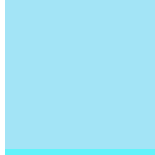
# Trichromacy



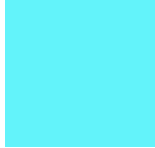
**Original Color**  
2CF9F2



**Protanomaly**  
9FE7E7



**Deuteranomaly**  
A3E4F6

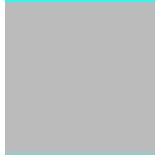


**Tritanomaly**  
63F3FA

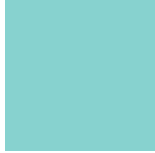
# Monochromacy



**Original Color**  
2CF9F2



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
87D2CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2CF9F2 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 #2CF9F2 looks like.

```
.text, #text, p{  
    color:#2CF9F2  
}
```

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 #2CF9F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CF9F2
}
```

## Border

The CSS property to change the border of an element to Hex 2CF9F2 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
#2CF9F2 }
```

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

```
.border{ border-color:#2CF9F2 }
```

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

Here you see how a box with a 4 pixel #2CF9F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CF9F2; -webkit-box-shadow:4px 4px  
4px 4px #2CF9F2; box-shadow:4px 4px 4px  
4px #2CF9F2 }
```

# Background

The CSS property to change the background color of an element to Hex 2CF9F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CF9F2 }
```

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

```
.background{ background-color:#2CF9F2 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor