

Converting Colors

Hex(2CF4F8)

Have a look what the booklet for
Hex(2CF4F8) contains.

Hex(2CF4F8)	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(2CF4F8)

Conversions

Conversions Part 1

Format	Color
Hex	2CF4F8
RGB	44, 244, 248
RGB Percent	17%, 96%, 97%
CMY	0.8275, 0.0431, 0.0275
CMYK	0.82, 0.02, 0.00, 0.03
HSL	181°, 94%, 57%
HSV	181°, 82%, 97%
XYZ	50.3327, 72.0142, 100.0543
YIQ	184.6560, -120.4840, -41.1560

Conversions

Conversions Part 2

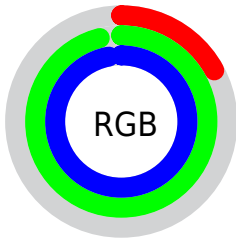
Format	Color
RYB	44, 145, 248
Decimal	2946296
CIELab	87.98, -43.65, -15.17
CIELCh	88, 46.211, 199.168
Yxy	72.0142, 0.2263, 0.3238
Android (android.graphics.Color)	4281136376 (0xFF2CF4F8)
YUV	184.6560, 31.2286, -123.3553
Hunter-Lab	84.8612, -42.6355, -10.5022

Details

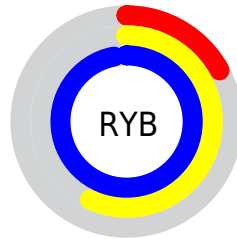
The Hex color **2CF4F8** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **F8302C**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **81FFFF**, and **00BBC0** is the 20% darker color. If you saturate the color by 10%, you get **13F4F8**, and if you desaturate by 10%, it is **45F4F8**.

Distribution



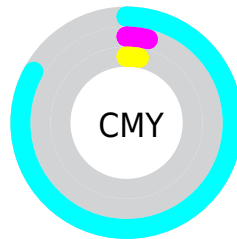
- Red (17%)
- Green (96%)
- Blue (97%)



- Red (17%)
- Yellow (57%)
- Blue (97%)



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



- Cyan (83%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CF4F8 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 2CF4F8 by changing the saturation by 10% instead.

 2CF4F8

 2CF4F8

FFFFFF

 00D7DB

 81FFFF

 00BBC0

 A3FFFF

 00A0A5

 C4FFFF

 00858A

 E4FFFF

 006B71

 005258

 003941

 00242B

 000117

 2CF4F8

 2CF4F8

 13F4F8

 45F4F8

 00F3F8

 5EF5F8

 76F5F8

 8FF6F8

 A8F6F8

 C1F7F8

 DAF7F8

 F2F8F8

 FFF8F8

Harmonies

Analogous

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



71F3CB



2CF4F8



2CF0FF

Triad

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



2CF4F8



FFC7FF



FFD586

Complementary

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



2CF4F8



F8302C

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.



FFC59C



2CF4F8



FFBCEF

Square

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



2CF4F8



CAD7FF



FFBBC2



DDE388

Rectangle

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



2CF4F8



65EAFB



FFBCC2



FFCF8B

Sweetspot

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



2CF4F8



BFFEFF



2CF82F



597F80



000000



808080

Same Dimension

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



2CF4F8



03FAFF



2C8FF8



707D7D



00B9BD



003C3D

Inverse Universe

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



F82CF4



FF03FA



F8952C



7D707D



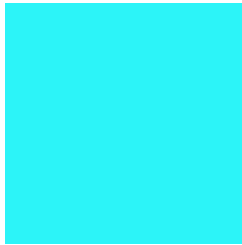
BD00B9



3D003C

Previews

White Background



This preview shows how the Hex color 2CF4F8 looks on a white background.

Color Contrast Check

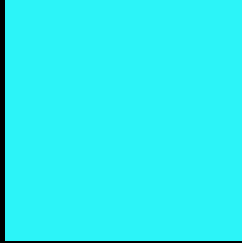
Large Text (above 18pt) WCAG AA × Fail

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 2CF4F8 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 2CF4F8 Background



This preview shows how black text looks on a background with the Hex color 2CF4F8.

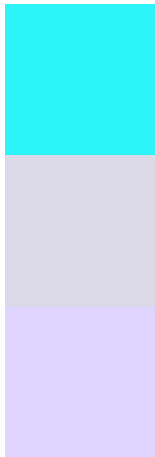


This preview shows how white text looks on a background with the Hex color 2CF4F8.

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](#).

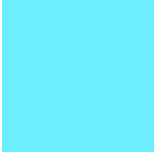
Dichromacy



Original Color
2CF4F8

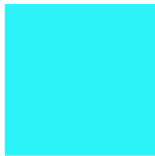
Protanopia
DBD9E7

Deuteranopia
DFD5FF



Tritanopia
6CEEFF

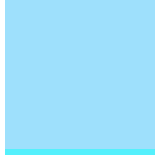
Trichromacy



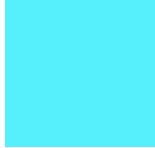
Original Color
2CF4F8



Protanomaly
9BE3ED



Deuteranomaly
9EE0FC



Tritanomaly
55F0FC

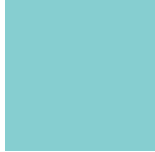
Monochromacy



Original Color
2CF4F8



Achromatopsia
B9B9B9



Achromatomaly
86CED0

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CF4F8 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 #2CF4F8 looks like.

```
.text, #text, p{  
    color:#2CF4F8  
}
```

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 #2CF4F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CF4F8 }  
}
```

Border

The CSS property to change the border of an element to Hex 2CF4F8 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 #2CF4F8 }  
}
```

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

```
.border{ border-color:#2CF4F8 }
```

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

Here you see how a box with a 4 pixel #2CF4F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CF4F8; -webkit-box-shadow:4px 4px  
4px 4px #2CF4F8; box-shadow:4px 4px 4px  
4px #2CF4F8 }
```

Background

The CSS property to change the background color of an element to Hex 2CF4F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CF4F8 }
```

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

```
.background{ background-color:#2CF4F8 }
```

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