

Converting Colors

Hex(2EF6D2)

Have a look what the booklet for
Hex(2EF6D2) contains.

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Color

Hex(2EF6D2)

Conversions

Conversions Part 1

Format	Color
Hex	2EF6D2
RGB	46, 246, 210
RGB Percent	18%, 96%, 82%
CMY	0.8196, 0.0353, 0.1765
CMYK	0.81, 0.00, 0.15, 0.04
HSL	169°, 92%, 57%
HSV	169°, 81%, 96%
XYZ	45.7153, 71.1455, 72.2958
YIQ	182.0960, -107.6440, -53.5960

Conversions

Conversions Part 2

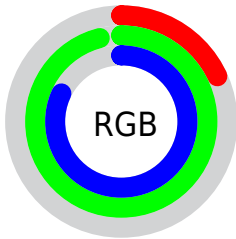
Format	Color
RYB	46, 156, 246
Decimal	3077842
CIELab	87.56, -54.61, 4.06
CIELCh	88, 54.760, 175.744
Yxy	71.1455, 0.2417, 0.3761
Android (android.graphics.Color)	4281267922 (0xFF2EF6D2)
YUV	182.0960, 13.7567, -119.3562
Hunter-Lab	84.3478, -50.8641, 8.2251

Details

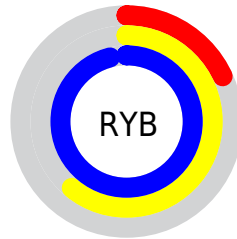
The Hex color **2EF6D2** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **F62E52**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **7FFFFFFF**, and **00BD9C** is the 20% darker color. If you saturate the color by 10%, you get **15F6CE**, and if you desaturate by 10%, it is **47F6D6**.

Distribution



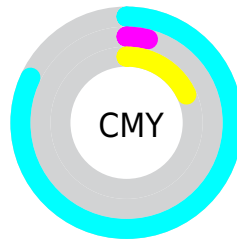
- Red (18%)
- Green (96%)
- Blue (82%)



- Red (18%)
- Yellow (61%)
- Blue (96%)



- Cyan (81%)
- Magenta (0%)
- Yellow (15%)
- Black (4%)



- Cyan (82%)
- Magenta (4%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EF6D2 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 2EF6D2 by changing the saturation by 10% instead.

 2EF6D2

 2EF6D2

FFFFFF

 00D9B6

 7FFFFFFF

 00BD9C

 A1FFFF

 00A182

 C1FFFF

 008669

 E1FFFF

 006B50

 00523A

 003924

 00220F

 000000

 2EF6D2

 2EF6D2

 15F6CE

 47F6D6

 00F6CA

 5FF6DB

 78F6DF

 90F6E4

 A9F6E8

 C2F6ED

 DAF6F1

 F3F6F5

 FFF6FA

Harmonies

Analogous

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



90F19F



2EF6D2



00F6FF

Triad

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



2EF6D2



D5D1FF



FFC387

Complementary

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



2EF6D2



F62E52

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.



FFB4B1



2EF6D2



FFBDFF

Square

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



2EF6D2



75E3FF



FFB2E5



FFD672

Rectangle

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



2EF6D2



00F2FF



FFB2E5



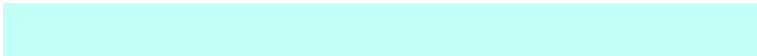
FFBD93

Sweetspot

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



2EF6D2



C2FFF4



53F62E



5B8079



000000



808080

Same Dimension

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



2EF6D2



05FFD2



2EB7F6



6E7A78



00BA99



003B30

Inverse Universe

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



F62E52



FF0532



F66D2E



7A6E70



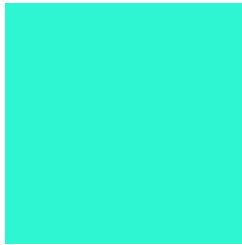
BA0022



3B000B

Previews

White Background



This preview shows how the Hex color 2EF6D2 looks on a white background.

Color Contrast Check

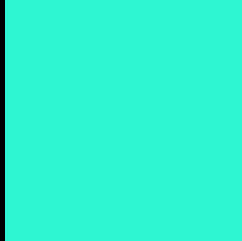
Large Text (above 18pt) WCAG AA × Fail

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 2EF6D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

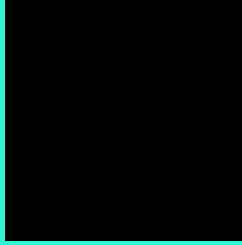
Any Text WCAG AA ✓ Pass

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 2EF6D2 Background



This preview shows how black text looks on a background with the Hex color 2EF6D2.

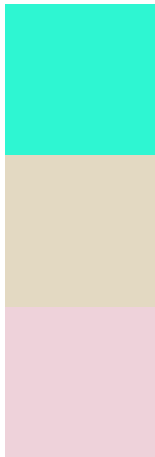


This preview shows how white text looks on a background with the Hex color 2EF6D2.

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
2EF6D2

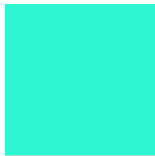
Protanopia
E3D9C2

Deuteranopia
EED2DA

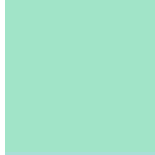


Tritanopia
68EDFF

Trichromacy



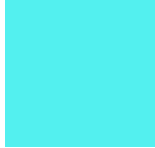
Original Color
2EF6D2



Protanomaly
A1E4C8



Deuteranomaly
A8DFD7



Tritanomaly
53F0EF

Monochromacy



Original Color
2EF6D2



Achromatopsia
B6B6B6



Achromatomaly
85CDC0

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EF6D2 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 #2EF6D2 looks like.

```
.text, #text, p{  
    color:#2EF6D2  
}
```

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 #2EF6D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EF6D2
}
```

Border

The CSS property to change the border of an element to Hex 2EF6D2 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
#2EF6D2 }
```

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

```
.border{ border-color:#2EF6D2 }
```

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

Here you see how a box with a 4 pixel #2EF6D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EF6D2; -webkit-box-shadow:4px 4px  
4px 4px #2EF6D2; box-shadow:4px 4px 4px  
4px #2EF6D2 }
```

Background

The CSS property to change the background color of an element to Hex 2EF6D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EF6D2 }
```

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

```
.background{ background-color:#2EF6D2 }
```

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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