

# Converting Colors

Hex(2EEFEF)

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

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

# Color

Hex(2EEFEF)

# Conversions

## Conversions Part 1

Format	Color
Hex	2EEFEF
RGB	46, 239, 239
RGB Percent	18%, 94%, 94%
CMY	0.8196, 0.0627, 0.0627
CMYK	0.81, 0.00, 0.00, 0.06
HSL	180°, 86%, 56%
HSV	180°, 81%, 94%
XYZ	47.5732, 68.5458, 92.3847
YIQ	181.2930, -115.0280, -40.9160

# Conversions

## Conversions Part 2

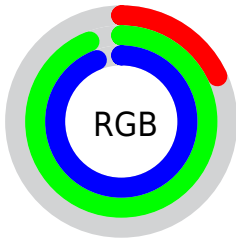
Format	Color
RYB	46, 143, 239
Decimal	3076079
CIELab	86.28, -43.87, -13.00
CIELCh	86, 45.753, 196.504
Yxy	68.5458, 0.2282, 0.3288
Android (android.graphics.Color)	4281266159 (0xFF2EEFEF)
YUV	181.2930, 28.4496, -118.6520
Hunter-Lab	82.7924, -42.3192, -8.2046

# Details

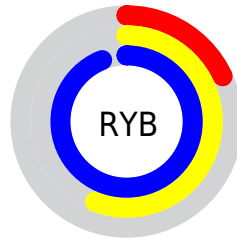
The Hex color **2EEFEF** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **EF2E2E**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **81FFFF**, and **00B6B7** is the 20% darker color. If you saturate the color by 10%, you get **16EFEF**, and if you desaturate by 10%, it is **46EFEF**.

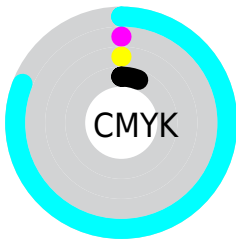
# Distribution



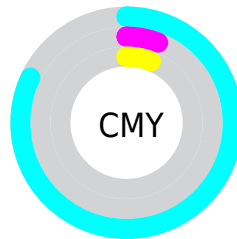
- Red (18%)
- Green (94%)
- Blue (94%)



- Red (18%)
- Yellow (56%)
- Blue (94%)



- Cyan (81%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (82%)
- Magenta (6%)
- Yellow (6%)

# Brightness & Saturation Gradients

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



 2EEFEF

 2EEFEF

FFFFFF

 00D2D3

 81FFFF

 00B6B7

 A2FFFF

 009B9C

 C3FFFF

 008082


 E3FFFF

 006669

 004D51

 00353A

 001F25

 00010F

 2EEFEF

 2EEFEF

 16EFEF

 46EFEF

 00EFEF

 5EEFEF

 76EFEF

 8EEFEF

 A6EFEF

 BDEFEF

 D5EFEF

 EDEFEF

 FFEFEF

# Harmonies

## Analogous

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



73EEC2



2EEFEF



1DEBFF

# Triad

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



2EEFEF



FBC4FF



FFCE84

# Complementary

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



2EEFEF



EF2E2E

# 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.



FFC09B



2EEFEF



FFB8ED

# Square

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



2EEFEF



C0D4FF



FFB7C1



DCDD83

# Rectangle

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



2EEFEF



59E6FF



FFB7C1



FFC989

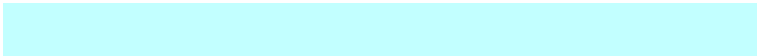


# Sweetspot

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



2EEFEF



C2FFFF



2EEF2E



5B8080



000000



808080



# Same Dimension

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



2EEFEF



08FFFF



2E8FEF



6C7878



00B8B8



003838



# Inverse Universe

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



EF2EEF



FF08FF



EF8F2E



786C78



B800B8

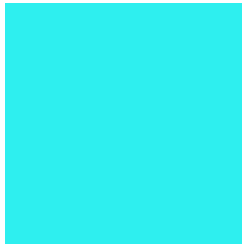


380038



# Previews

## White Background



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

## Color Contrast Check

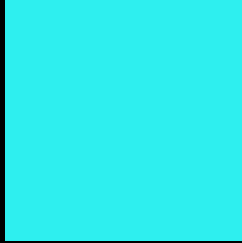
Large Text (above 18pt) WCAG AA × Fail

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 2EEFEF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

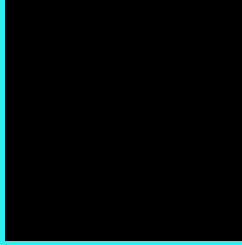
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 2EEFEF Background



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

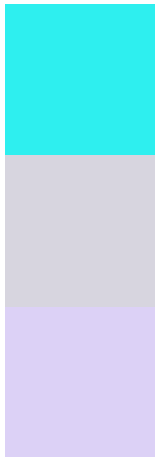


This preview shows how white text looks on a background with the Hex color 2EEFEF.

# 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](#).

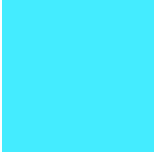
## Dichromacy



**Original Color**  
2EEFEF

**Protanopia**  
D7D5DF

**Deuteranopia**  
DCD1F6

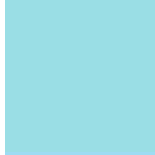


**Tritanopia**  
44ECFF

# Trichromacy



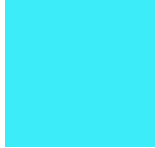
**Original Color**  
2EEFEF



**Protanomaly**  
9ADEE5



**Deuteranomaly**  
9DDCF3

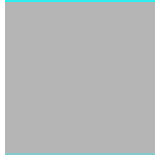


**Tritanomaly**  
3CEDF9

# Monochromacy



**Original Color**  
2EEFEF



**Achromatopsia**  
B5B5B5



**Achromatomaly**  
84CACA

# CSS Examples

## Text

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

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

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 #2EEFEF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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