

# Converting Colors

Hex(20EFEF)

Have a look what the booklet for  
Hex(20EFEF) contains.

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**Color**

**Hex(20EFEF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	20EFEF
RGB	32, 239, 239
RGB Percent	13%, 94%, 94%
CMY	0.8745, 0.0627, 0.0627
CMYK	0.87, 0.00, 0.00, 0.06
HSL	180°, 87%, 53%
HSV	180°, 87%, 94%
XYZ	47.0422, 68.2721, 92.3598
YIQ	177.1070, -123.3720, -43.8840

# Conversions

## Conversions Part 2

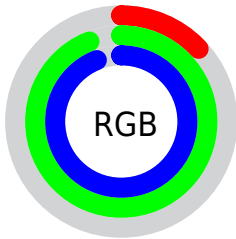
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 136, 239
Decimal	2158575
CIE <sub>Lab</sub>	86.14, -44.76, -13.22
CIE <sub>LCh</sub>	86, 46.673, 196.449
Yxy	68.2721, 0.2265, 0.3287
Android (android.graphics.Color)	4280348655 (0xFF20EFEF)
YUV	177.1070, 30.5132, -127.2588
Hunter-Lab	82.6269, -42.9713, -8.4351

# Details

The Hex color **20EFEF** 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 **EF2020**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **7BFFFF**, and **00B6B7** is the 20% darker color. If you saturate the color by 10%, you get **08EFEF**, and if you desaturate by 10%, it is **38EFEF**.

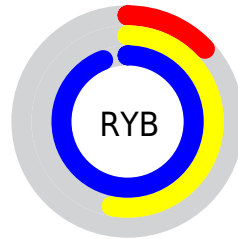
# Distribution



Red (13%)

Green (94%)

Blue (94%)



Red (13%)

Yellow (53%)

Blue (94%)

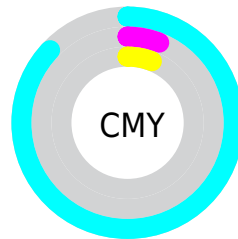


Cyan (87%)

Magenta (0%)

Yellow (0%)

Black (6%)



Cyan (87%)

Magenta (6%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 20EFEF 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 20EFEF by changing the saturation by 10% instead.



 20EFEF

 20EFEF

FFFFFF

 00D2D3

 7BFFFF

 00B6B7

 9DFFFF

 009B9C

 BEFFFF

 008082

 DEFFFF

 006669

 004D51

 00353A

 001F25

 00010F

 20EFEF

 20EFEF

 08EFEF

 38EFEF

 00EFEF

 50EFEF

 68EFEF

 80EFEF

 98EFEF

 AFEFEF

 C7EFEF

 DFEFEF

 F7EFEF

# Harmonies

## Analogous

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



70EEC1



20EFEF



00EBFF

# Triad

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



20EFEF



FBC3FF



FFCE81

# Complementary

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



20EFEF



EF2020

# 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.



FFBF99



20EFEF



FFB7ED

# Square

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



20EFEF



BED3FF



FFB5C1



DCDD81

# Rectangle

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



20EFEF



53E6FF



FFB5C1



FFC987



# Sweetspot

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



20EFEF



BDFFFF



20EF20



588080



000000



808080



# Same Dimension

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



20EFEF



00FFFF



2087EF



6C7878



00B8B8



003838



# Inverse Universe

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



EF20EF



FF00FF



EF8720



786C78



B800B8

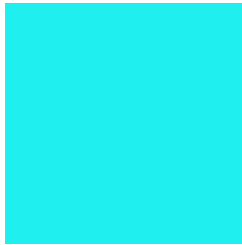


380038



# Previews

## White Background



This preview shows how the Hex color 20EFEF looks on a white background.

## Color Contrast Check

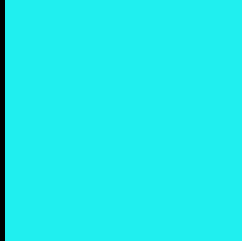
Large Text (above 18pt) WCAG AA × Fail

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 20EFEF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

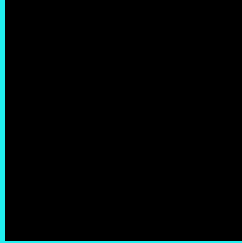
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 20EFEF Background



This preview shows how black text looks on a background with the Hex color 20EFEF.

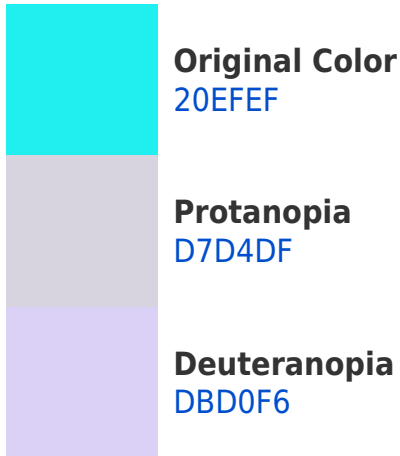


This preview shows how white text looks on a background with the Hex color 20EFEF.

# 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



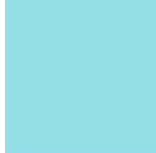


**Tritanopia**  
3CECFE

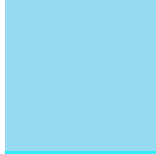
# Trichromacy



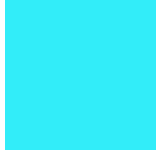
**Original Color**  
20EFEF



**Protanomaly**  
94DEE5

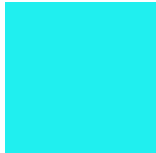


**Deuteranomaly**  
97DBF3

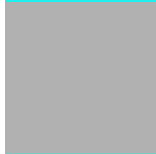


**Tritanomaly**  
32EDF9

# Monochromacy



**Original Color**  
20EFEF



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
7CC8C8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 20EFEF 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 #20EFEF looks like.

```
.text, #text, p{  
    color:#20EFEF  
}
```

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 #20EFEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20EFEF
}
```

## Border

The CSS property to change the border of an element to Hex 20EFEF 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
#20EFEF }
```

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

```
.border{ border-color:#20EFEF }
```

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

Here you see how a box with a 4 pixel #20EFEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20EFEF; -webkit-box-shadow:4px 4px  
4px 4px #20EFEF; box-shadow:4px 4px 4px  
4px #20EFEF }
```

# Background

The CSS property to change the background color of an element to Hex 20EFEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20EFEF }
```

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

```
.background{ background-color:#20EFEF }
```

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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