

Converting Colors

Hex(21FFFC)

Have a look what the booklet for
Hex(21FFFC) contains.

Hex(21FFFC)	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(21FFFC)

Conversions

Conversions Part 1

Format	Color
Hex	21FFFC
RGB	33, 255, 252
RGB Percent	13%, 100%, 99%
CMY	0.8706, 0.0000, 0.0118
CMYK	0.87, 0.00, 0.01, 0.00
HSL	179°, 100%, 56%
HSV	179°, 87%, 100%
XYZ	53.9579, 78.8716, 104.4753
YIQ	188.2800, -131.3490, -47.9970

Conversions

Conversions Part 2

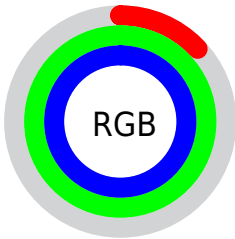
Format	Color
R_{YB}	33, 145, 255
Decimal	2228220
CIE Lab	91.18, -47.96, -12.48
CIE LCh	91, 49.555, 194.584
Yxy	78.8716, 0.2274, 0.3324
Android (android.graphics.Color)	4280418300 (0xFF21FFFC)
YUV	188.2800, 31.4140, -136.1806
Hunter-Lab	88.8097, -46.9661, -7.5817

Details

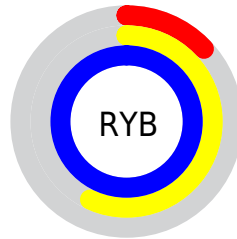
The Hex color **21FFFC** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF2124**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **7FFFFFF**, and **00C5C3** is the 20% darker color. If you saturate the color by 10%, you get **08FFFC**, and if you desaturate by 10%, it is **3AFFFC**.

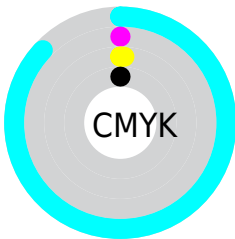
Distribution



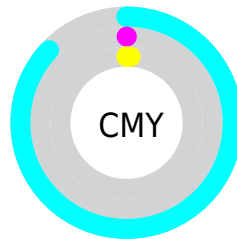
- Red (13%)
- Green (100%)
- Blue (99%)



- Red (13%)
- Yellow (57%)
- Blue (100%)



- Cyan (87%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (87%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21FFFC 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 21FFFC by changing the saturation by 10% instead.

 21FFFC

 21FFFC

FFFFFF

 00E2DF

 7FFFFFFF

 00C5C3

 A2FFFF

 00AAA8

 C4FFFF

 008E8E

 E4FFFF

 007474

 005A5C

 004244

 002C2E

 00091A

 21FFFC

 21FFFC

 08FFFC

 3AFFFC

 00FFFC

 54FFFD

 6DFFFD

 87FFFD

 A1FFFE

 BAFFFE

 D3FFFE

 EDFFFF

FFFFFF

Harmonies

Analogous

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



7AFDCB



21FFFC



00FBFF

Triad

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



21FFFC



FFD1FF



FFDA8A

Complementary

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



21FFFC



FF2124

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.



FFCAA5



21FFFC



FFC3FF

Square

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



21FFFC



C6E2FF



FFC1D0



EEEE88

Rectangle

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



21FFFC



4EF5FF



FFC1D0



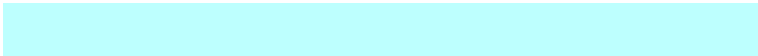
FFD591

Sweetspot

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



21FFFC



BDFFFE



25FF21



58807F



000000



808080

Same Dimension

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



21FFFC



00FFFC



2194FF



73807F



00BFBD



00403F

Inverse Universe

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



FF2124



FF0003



FF8C21



807373



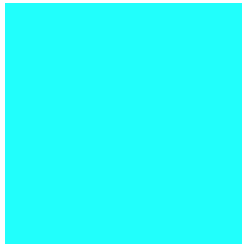
BF0003



400001

Previews

White Background



This preview shows how the Hex color 21FFFC looks on a white background.

Color Contrast Check

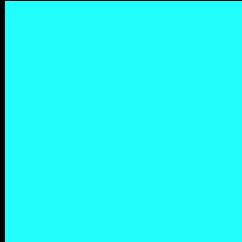
Large Text (above 18pt) WCAG AA × Fail

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 21FFFC 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 21FFFC Background



This preview shows how black text looks on a background with the Hex color 21FFFC.



This preview shows how white text looks on a background with the Hex color 21FFFC.

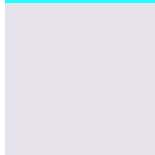
Color Blindness Simulation

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



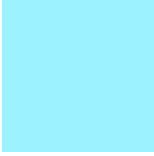
Original Color
21FFFC



Protanopia
E5E2EB

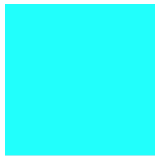


Deuteranopia
EADFFF

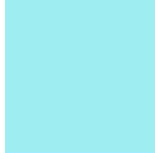


Tritanopia
9DF2FF

Trichromacy



Original Color
21FFFC



Protanomaly
9EEDF1



Deuteranomaly
A1EBFE

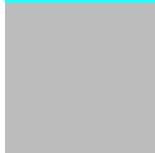


Tritanomaly
70F7FE

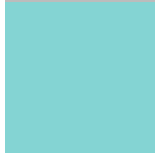
Monochromacy



Original Color
21FFFC



Achromatopsia
BCBCBC



Achromatomaly
84D4D3

CSS Examples

Text

The CSS property to change the color of the text to Hex 21FFFC 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 #21FFFC looks like.

```
.text, #text, p{  
    color:#21FFFC  
}
```

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 #21FFFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21FFFC
}
```

Border

The CSS property to change the border of an element to Hex 21FFFC 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
#21FFFC }
```

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

```
.border{ border-color:#21FFFC }
```

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

Here you see how a box with a 4 pixel #21FFFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21FFFC; -webkit-box-shadow:4px 4px  
4px 4px #21FFFC; box-shadow:4px 4px 4px  
4px #21FFFC }
```

Background

The CSS property to change the background color of an element to Hex 21FFFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21FFFC }
```

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

```
.background{ background-color:#21FFFC }
```

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