

# Converting Colors

Hex(22F7D1)

Have a look what the booklet for  
Hex(22F7D1) contains.

<b>Hex(22F7D1)</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(22F7D1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	22F7D1
RGB	34, 247, 209
RGB Percent	13%, 97%, 82%
CMY	0.8667, 0.0314, 0.1804
CMYK	0.86, 0.00, 0.15, 0.03
HSL	169°, 93%, 55%
HSV	169°, 86%, 97%
XYZ	45.4291, 71.4651, 71.7214
YIQ	178.9810, -114.7500, -56.9740

# Conversions

## Conversions Part 2

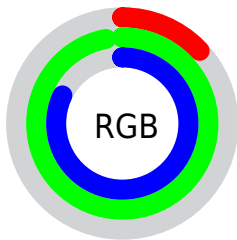
Format	Color
R <sub>Y</sub> B	34, 151, 247
Decimal	2291665
CIE Lab	87.71, -56.10, 4.79
CIE LCh	88, 56.300, 175.116
Yxy	71.4651, 0.2409, 0.3789
Android (android.graphics.Color)	4280481745 (0xFF22F7D1)
YUV	178.9810, 14.7994, -127.1483
Hunter-Lab	84.5370, -52.0162, 8.8741

# Details

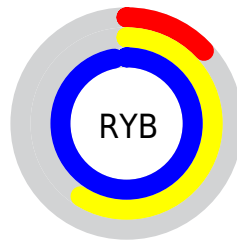
The Hex color **22F7D1** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **F72248**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **7BFFFF**, and **00BD9B** is the 20% darker color. If you saturate the color by 10%, you get **09F7CD**, and if you desaturate by 10%, it is **3BF7D5**.

# Distribution



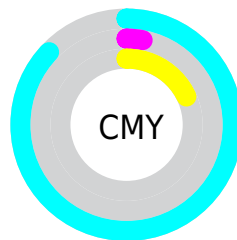
- Red (13%)
- Green (97%)
- Blue (82%)



- Red (13%)
- Yellow (59%)
- Blue (97%)



- Cyan (86%)
- Magenta (0%)
- Yellow (15%)
- Black (3%)



- Cyan (87%)
- Magenta (3%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 22F7D1 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 22F7D1 by changing the saturation by 10% instead.



 22F7D1

 22F7D1

FFFFFF

 00DAB5

 7BFFFF

 00BD9B

 9CFFFF

 00A281

 BDFFFF

 008768

 DDFFFF

 006C50

 FDFFFF

 005239

 003A23

 00220E

 000000

 22F7D1

 22F7D1

 09F7CD

 3BF7D5

 00F7CB

 53F7DA

 6CF7DE

 85F7E3

 9DF7E7

 B6F7EB

 CFF7F0

 E8F7F4

 FFF7F9

# Harmonies

## Analogous

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



8FF29D



22F7D1



00F7FF

# Triad

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



22F7D1



D3D1FF



FFC385

# Complementary

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



22F7D1



F72248

# 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.



FFB3B1



22F7D1



FFBDFD

# Square

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



22F7D1



6DE4FF



FFB1E7



FFD66F

# Rectangle

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



22F7D1



00F4FF



FFB1E7



FFBD92

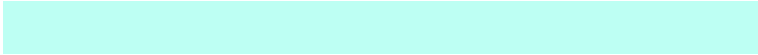


# Sweetspot

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



22F7D1



BDFFF3



49F722



588078



000000



808080



# Same Dimension

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



22F7D1



00FFD2



22B4F7



6E7A78



00BA99



003B30



# Inverse Universe

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



F72248



FF002D



F76522



7A6E70



BA0021

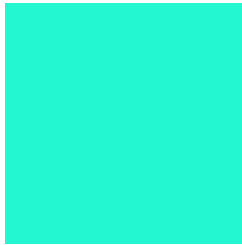


3B000A



# Previews

## White Background



This preview shows how the Hex color 22F7D1 looks on a white background.

## Color Contrast Check

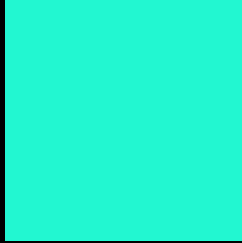
Large Text (above 18pt) WCAG AA × Fail

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 22F7D1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

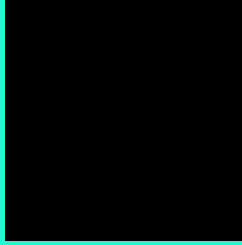
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 22F7D1 Background



This preview shows how black text looks on a background with the Hex color 22F7D1.

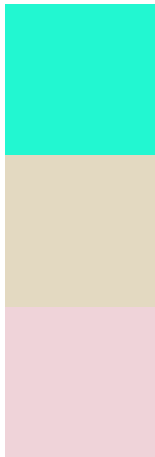


This preview shows how white text looks on a background with the Hex color 22F7D1.

# 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](#).

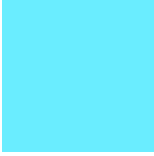
## Dichromacy



**Original Color**  
22F7D1

**Protanopia**  
E3D9C1

**Deuteranopia**  
EFD3D9

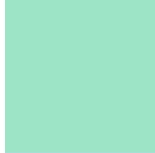


**Tritanopia**  
6AEDFF

# Trichromacy



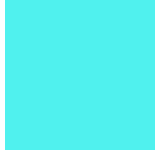
**Original Color**  
22F7D1



**Protanomaly**  
9DE4C7



**Deuteranomaly**  
A4E0D6

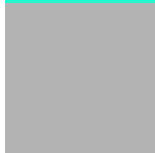


**Tritanomaly**  
50F1EE

# Monochromacy



**Original Color**  
22F7D1



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
7ECCBE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 22F7D1 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 #22F7D1 looks like.

```
.text, #text, p{  
    color:#22F7D1  
}
```

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 #22F7D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22F7D1
}
```

## Border

The CSS property to change the border of an element to Hex 22F7D1 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
#22F7D1 }
```

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

```
.border{ border-color:#22F7D1 }
```

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

Here you see how a box with a 4 pixel #22F7D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22F7D1; -webkit-box-shadow:4px 4px  
4px 4px #22F7D1; box-shadow:4px 4px 4px  
4px #22F7D1 }
```

# Background

The CSS property to change the background color of an element to Hex 22F7D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22F7D1 }
```

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

```
.background{ background-color:#22F7D1 }
```

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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