

Converting Colors

Hex(22FFE7)

Have a look what the booklet for
Hex(22FFE7) contains.

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Color

Hex(22FFE7)

Conversions

Conversions Part 1

Format	Color
Hex	22FFE7
RGB	34, 255, 231
RGB Percent	13%, 100%, 91%
CMY	0.8667, 0.0000, 0.0941
CMYK	0.87, 0.00, 0.09, 0.00
HSL	173°, 100%, 57%
HSV	173°, 87%, 100%
XYZ	50.8435, 77.6296, 87.9056
YIQ	186.1850, -124.0120, -54.3160

Conversions

Conversions Part 2

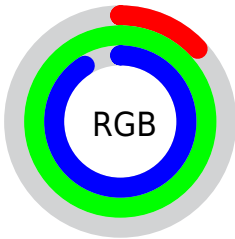
Format	Color
R _Y B	34, 151, 255
Decimal	2293735
CIE Lab	90.61, -53.64, -2.42
CIE LCh	91, 53.699, 182.581
Yxy	77.6296, 0.2350, 0.3588
Android (android.graphics.Color)	4280483815 (0xFF22FFE7)
YUV	186.1850, 22.0938, -133.4662
Hunter-Lab	88.1077, -51.1830, 2.5213

Details

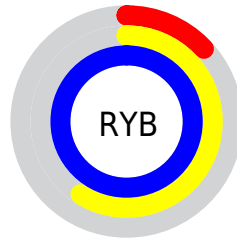
The Hex color **22FFE7** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF223A**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **7EFFFF**, and **00C5B0** is the 20% darker color. If you saturate the color by 10%, you get **08FFE4**, and if you desaturate by 10%, it is **3BFFE4**.

Distribution



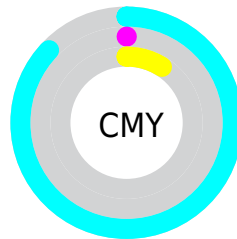
- Red (13%)
- Green (100%)
- Blue (91%)



- Red (13%)
- Yellow (59%)
- Blue (100%)



- Cyan (87%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (87%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22FFE7 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 22FFE7 by changing the saturation by 10% instead.

 22FFE7

 22FFE7

FFFFFF

 00E2CB

 7EFFFF

 00C5B0

 A0FFFF

 00A995

 C1FFFF

 008E7B

 E2FFFF

 007362

 005A4B

 004134

 002A1F

 000508

 22FFE7

 22FFE7


 08FFE4

 3BFFEA

 00FFE3

 55FFED

 6EFFF8

 88FFF2

 A2FFF5

 BBFFF8

 D4FFFA

 EEEFFD

FFFFFF

Harmonies

Analogous

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



8AFBB3



22FFE7



00FEFF

Triad

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



22FFE7



EFD5FF



FFD08A

Complementary

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



22FFE7



FF223A

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.



FFC0AF



22FFE7



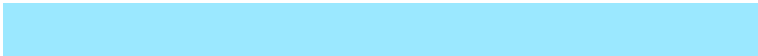
FFC3FF

Square

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



22FFE7



9BE8FF



FFBBE2



FFE37B

Rectangle

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



22FFE7



00F9FF



FFBBE2



FFCA94

Sweetspot

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



22FFE7



BDFFF8



3CFF22



58807B



000000



808080

Same Dimension

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



22FFE7



00FFE3



22AAFF



73807E



00BFAA



004039

Inverse Universe

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



FF223A



FF001C



FF7722



807374



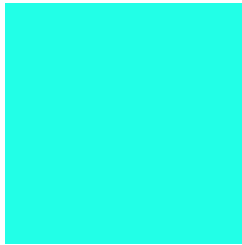
BF0015



400007

Previews

White Background



This preview shows how the Hex color 22FFE7 looks on a white background.

Color Contrast Check

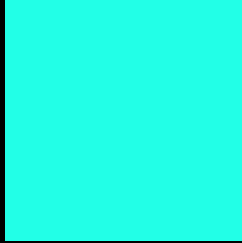
Large Text (above 18pt) WCAG AA × Fail

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 22FFE7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

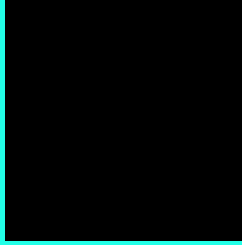
Any Text WCAG AA ✓ Pass

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 22FFE7 Background



This preview shows how black text looks on a background with the Hex color 22FFE7.

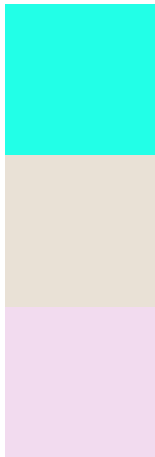


This preview shows how white text looks on a background with the Hex color 22FFE7.

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](#).

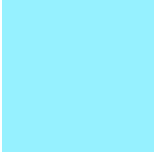
Dichromacy



Original Color
22FFE7

Protanopia
E9E1D6

Deuteranopia
F2DBEF

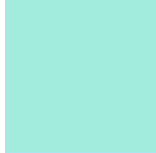


Tritanopia
96F1FF

Trichromacy



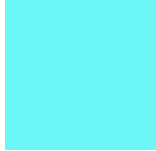
Original Color
22FFE7



Protanomaly
A1ECDC

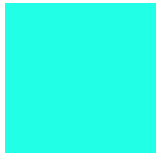


Deuteranomaly
A6E8EC

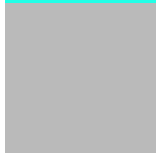


Tritanomaly
6CF6F6

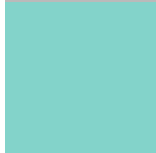
Monochromacy



Original Color
22FFE7



Achromatopsia
BABABA



Achromatomaly
83D3CA

CSS Examples

Text

The CSS property to change the color of the text to Hex 22FFE7 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 #22FFE7 looks like.

```
.text, #text, p{  
    color:#22FFE7  
}
```

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 #22FFE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22FFE7  
}
```

Border

The CSS property to change the border of an element to Hex 22FFE7 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  
#22FFE7 }
```

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

```
.border{ border-color:#22FFE7 }
```

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

Here you see how a box with a 4 pixel #22FFE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22FFE7; -webkit-box-shadow:4px 4px  
4px 4px #22FFE7; box-shadow:4px 4px 4px  
4px #22FFE7 }
```

Background

The CSS property to change the background color of an element to Hex 22FFE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22FFE7 }
```

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

```
.background{ background-color:#22FFE7 }
```

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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