

Converting Colors

Hex(22CBFA)

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

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Color

Hex(22CBFA)

Conversions

Conversions Part 1

Format	Color
Hex	22CBFA
RGB	34, 203, 250
RGB Percent	13%, 80%, 98%
CMY	0.8667, 0.2039, 0.0196
CMYK	0.86, 0.19, 0.00, 0.02
HSL	193°, 96%, 56%
HSV	193°, 86%, 98%
XYZ	39.2709, 49.9541, 98.0148
YIQ	157.8270, -115.8110, -21.2110

Conversions

Conversions Part 2

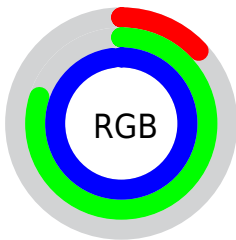
Format	Color
RYB	34, 129, 250
Decimal	2280442
CIELab	76.04, -24.32, -34.42
CIELCh	76, 42.147, 234.751
Yxy	49.9541, 0.2097, 0.2668
Android (android.graphics.Color)	4280470522 (0xFF22CBFA)
YUV	157.8270, 45.4413, -108.5963
Hunter-Lab	70.6782, -24.5069, -32.7472

Details

The Hex color **22CBFA** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FA5122**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **79FFFF**, and **0095C1** is the 20% darker color. If you saturate the color by 10%, you get **09C6FA**, and if you desaturate by 10%, it is **3BD0FA**.

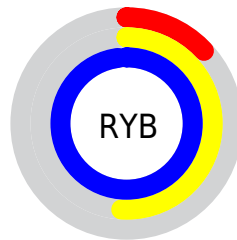
Distribution



Red (13%)

Green (80%)

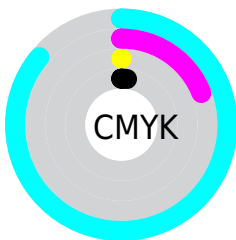
Blue (98%)



Red (13%)

Yellow (51%)

Blue (98%)

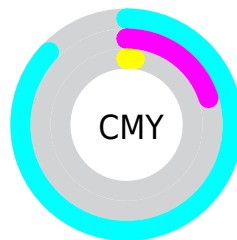


Cyan (86%)

Magenta (19%)

Yellow (0%)

Black (2%)



Cyan (87%)

Magenta (20%)

Yellow (2%)

Brightness & Saturation Gradients

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

 22CBFA

FFFFFF

 79FFFF

 9BFFFF

 BBFFFF

 DBFFFF

 FAFFFF

 22CBFA

 00AFDD

 0095C1

 007BA6

 00628C

 004A72

 003359

 002041

 00032B

 000115

■ 22CBFA

■ 22CBFA

■ 09C6FA

■ 3BD0FA

■ 00C4FA

■ 54D6FA

■ 6DDBFA

■ 86E1FA

■ 9FE6FA

■ B8ECFA

■ D1F1FA

■ EAF7FA

■ FFFCFA

Harmonies

Analogous

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



00D0DB



22CBFA



75C1FF

Triad

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



22CBFA



FF9DC4



B4C373

Complementary

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



22CBFA



FA5122

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.



DBB76D



22CBFA



FF9F9D

Square

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



22CBFA



E6A6E9



F8A97D



86CB8D

Rectangle

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



22CBFA



A2B9FF



F8A97D



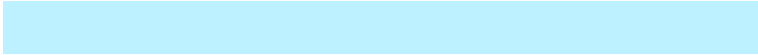
C2BF6F

Sweetspot

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



22CBFA



BDF1FF



22FA51



587780



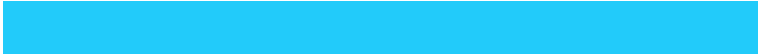
000000



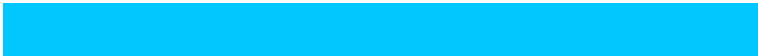
808080

Same Dimension

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



22CBFA



00C8FF



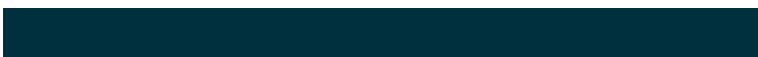
225FFA



707A7D



0094BD



00303D

Inverse Universe

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



FA22CB



FF00C8



FABD22



7D707A



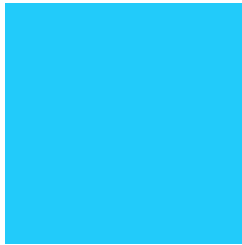
BD0094



3D0030

Previews

White Background



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

Color Contrast Check

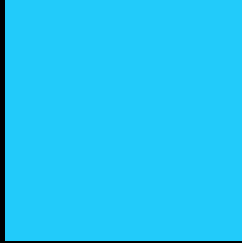
Large Text (above 18pt) WCAG AA × Fail

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 22CBFA 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 22CBFA Background



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

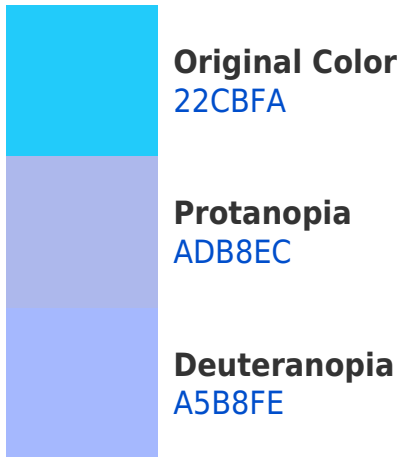


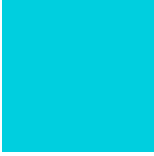
This preview shows how white text looks on a background with the Hex color 22CBFA.

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](#).

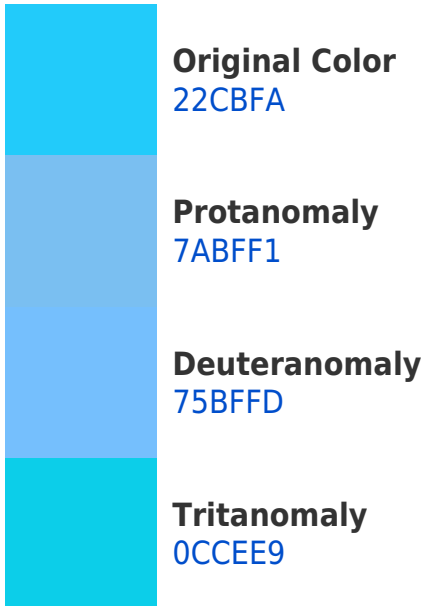
Dichromacy





Tritanopia
00CFDF

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #22CBFA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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