

# Converting Colors

Hex(22C2FF)

Have a look what the booklet for  
Hex(22C2FF) contains.

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# **Color**

**Hex(22C2FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	22C2FF
RGB	34, 194, 255
RGB Percent	13%, 76%, 100%
CMY	0.8667, 0.2392, 0.0000
CMYK	0.87, 0.24, 0.00, 0.00
HSL	197°, 100%, 57%
HSV	197°, 87%, 100%
XYZ	38.0015, 46.1437, 101.5115
YIQ	153.1140, -114.9410, -14.9490

# Conversions

## Conversions Part 2

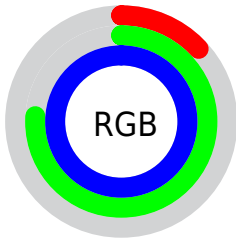
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 127, 255
Decimal	2278143
CIE <sub>Lab</sub>	73.64, -18.03, -40.83
CIE <sub>LCh</sub>	74, 44.633, 246.179
Yxy	46.1437, 0.2047, 0.2485
Android (android.graphics.Color)	4280468223 (0xFF22C2FF)
YUV	153.1140, 50.2298, -104.4630
Hunter-Lab	67.9291, -19.0180, -41.0510

# Details

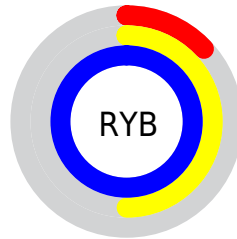
The Hex color **22C2FF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF5F22**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **79FBFF**, and **008CC6** is the 20% darker color. If you saturate the color by 10%, you get **08BBFF**, and if you desaturate by 10%, it is **3BC9FF**.

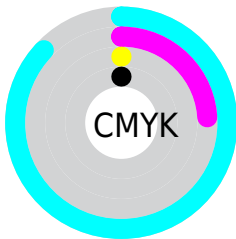
# Distribution



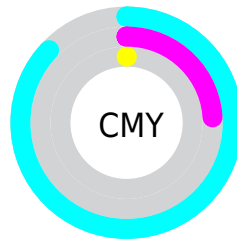
- Red (13%)
- Green (76%)
- Blue (100%)



- Red (13%)
- Yellow (50%)
- Blue (100%)



- Cyan (87%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (87%)
- Magenta (24%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 22C2FF 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 22C2FF by changing the saturation by 10% instead.



 22C2FF

 22C2FF

FFFFFF

 00A7E2

 79FBFF

 008CC6

 9BFFFF

 0073AA

 BBFFFF

 005A90

 DBFFFF

 004376

 FBFFFF

 002D5D

 001945

 00042E

 000118

■ 22C2FF

■ 22C2FF

■ 08BBFF

■ 3BC9FF

■ 00B9FF

■ 55D0FF

■ 6ED7FF

■ 88DEFF

■ A2E5FF

■ BBECFF

■ D4F3FF

■ EEFAFF

FFFFFF

# Harmonies

## Analogous

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



00C9E4



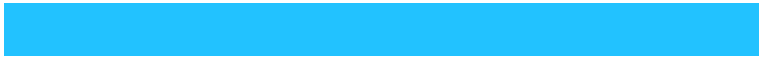
22C2FF



84B6FF

# Triad

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



22C2FF



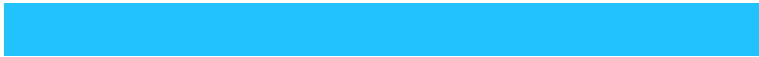
FF94AE



9BC171

# Complementary

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



22C2FF



FF5F22

# 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.



C7B562



22C2FF



FF9A87

# Square

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



22C2FF



EF99D7



EAA76A



67C892

# Rectangle

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



22C2FF



B1ACFE



EAA76A

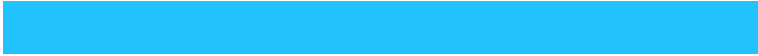


AABD69

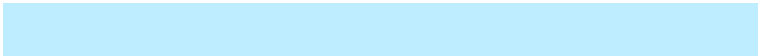


# Sweetspot

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



22C2FF



BDEDFF



22FF5D



587580



000000



808080



# Same Dimension

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



22C2FF



00B9FF



2256FF



737C80



008ABF



002E40



# Inverse Universe

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



FF22C2



FF00B9



FFCB22



80737C



BF008A

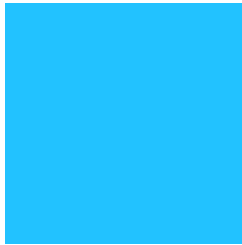


40002E



# Previews

## White Background



This preview shows how the Hex color 22C2FF looks on a white background.

## Color Contrast Check

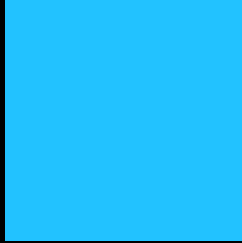
Large Text (above 18pt) WCAG AA × Fail

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 22C2FF 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

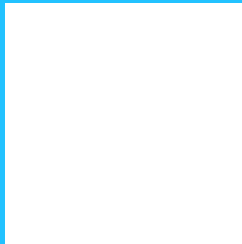
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 22C2FF Background



This preview shows how black text looks on a background with the Hex color 22C2FF.

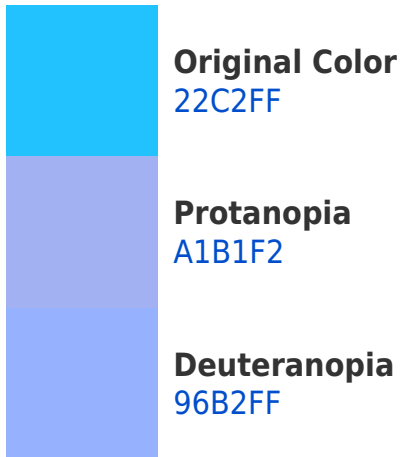


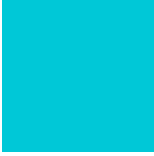
This preview shows how white text looks on a background with the Hex color 22C2FF.

# 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**  
00C8D7

# Trichromacy



**Original Color**  
22C2FF



**Protanomaly**  
73B7F7



**Deuteranomaly**  
6CB8FF



**Tritanomaly**  
0CC6E6

# Monochromacy



**Original Color**  
22C2FF



**Achromatopsia**  
999999



**Achromatomaly**  
6EA8BE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 22C2FF 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 #22C2FF looks like.

```
.text, #text, p{  
    color:#22C2FF  
}
```

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 #22C2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22C2FF
}
```

## Border

The CSS property to change the border of an element to Hex 22C2FF 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
#22C2FF }
```

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

```
.border{ border-color:#22C2FF }
```

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

Here you see how a box with a 4 pixel #22C2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22C2FF; -webkit-box-shadow:4px 4px  
4px 4px #22C2FF; box-shadow:4px 4px 4px  
4px #22C2FF }
```

# Background

The CSS property to change the background color of an element to Hex 22C2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22C2FF }
```

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

```
.background{ background-color:#22C2FF }
```

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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