

Converting Colors

Hex(22E4FF)

Have a look what the booklet for
Hex(22E4FF) contains.

Hex(22E4FF)	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(22E4FF)

Conversions

Conversions Part 1

Format	Color
Hex	22E4FF
RGB	34, 228, 255
RGB Percent	13%, 89%, 100%
CMY	0.8667, 0.1059, 0.0000
CMYK	0.87, 0.11, 0.00, 0.00
HSL	187°, 100%, 57%
HSV	187°, 87%, 100%
XYZ	46.4531, 63.0469, 104.3287
YIQ	173.0720, -124.2910, -32.7310

Conversions

Conversions Part 2

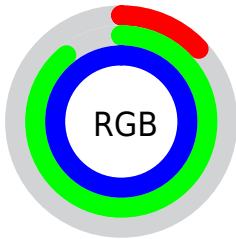
Format	Color
R_{YB}	34, 137, 255
Decimal	2286847
CIE _{Lab}	83.47, -34.89, -25.68
CIE _{LCh}	83, 43.319, 216.351
Yxy	63.0469, 0.2172, 0.2948
Android (android.graphics.Color)	4280476927 (0xFF22E4FF)
YUV	173.0720, 40.3905, -121.9661
Hunter-Lab	79.4021, -34.5246, -22.3214

Details

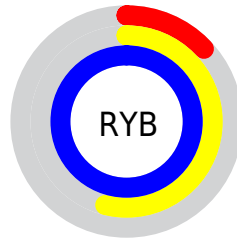
The Hex color **22E4FF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF3D22**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **7CFFFF**, and **00ACC6** is the 20% darker color. If you saturate the color by 10%, you get **08E1FF**, and if you desaturate by 10%, it is **3BE7FF**.

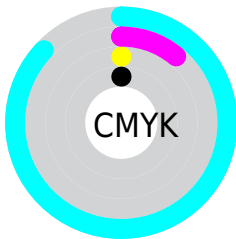
Distribution



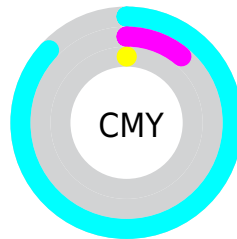
- Red (13%)
- Green (89%)
- Blue (100%)



- Red (13%)
- Yellow (54%)
- Blue (100%)



- Cyan (87%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (87%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22E4FF 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 22E4FF by changing the saturation by 10% instead.

 22E4FF

 22E4FF

FFFFFF

 00C8E2

 7CFFFF

 00ACC6

 9FFFFFF

 0091AB

 BFFFFFF

 007790

 E0FFFF

 005E77

 00455E

 002E46

 001730

 00011B

 22E4FF

 22E4FF

 08E1FF

 3BE7FF

 00E0FF

 55EAFF

 6EEDFF

 88F0FF

 A2F4FF

 BBF7FF

 D4FAFF

 EEFDFF

FFFFFF

Harmonies

Analogous

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



4CE6D8



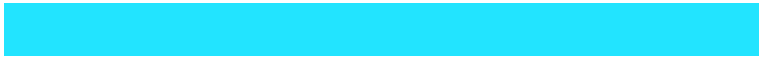
22E4FF



5CDDFF

Triad

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



22E4FF



FFB5F2



E3D07E

Complementary

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



22E4FF



FF3D22

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.



FFC286



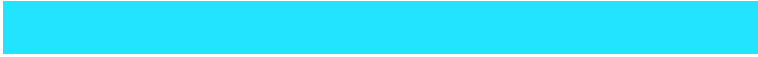
22E4FF



FFB0C9

Square

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



22E4FF



E0C2FF



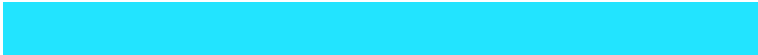
FFB6A2



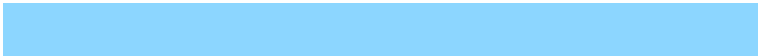
B7DC8D

Rectangle

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



22E4FF



8CD6FF



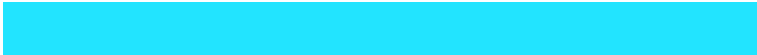
FFB6A2



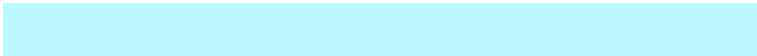
EFCC7E

Sweetspot

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



22E4FF



BDF7FF



22FF3C



587B80



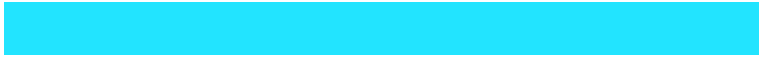
000000



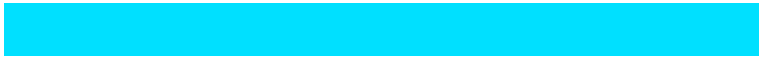
808080

Same Dimension

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



22E4FF



00E0FF



2277FF



737E80



00A8BF



003840

Inverse Universe

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



FF22E4



FF00E0



FFAA22



80737E



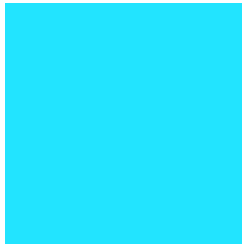
BF00A8



400038

Previews

White Background



This preview shows how the Hex color 22E4FF looks on a white background.

Color Contrast Check

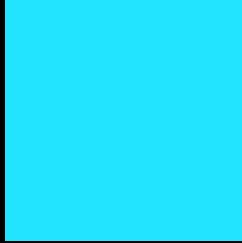
Large Text (above 18pt) WCAG AA × Fail

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 22E4FF 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 22E4FF Background



This preview shows how black text looks on a background with the Hex color 22E4FF.

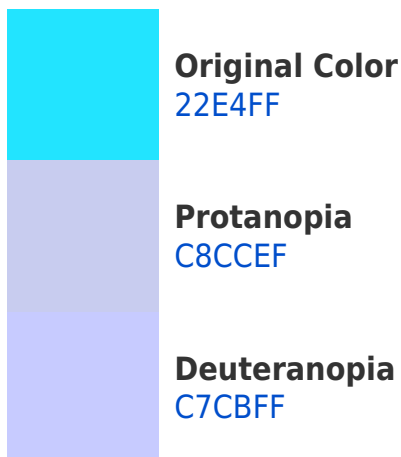


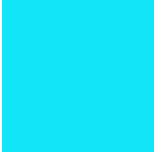
This preview shows how white text looks on a background with the Hex color 22E4FF.

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



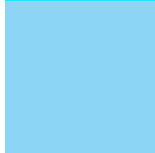


Tritanopia
12E5F8

Trichromacy



Original Color
22E4FF



Protanomaly
8CD5F5



Deuteranomaly
8BD4FF

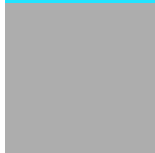


Tritanomaly
18E5FB

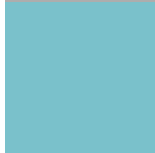
Monochromacy



Original Color
22E4FF



Achromatopsia
ADADAD



Achromatomaly
7AC1CB

CSS Examples

Text

The CSS property to change the color of the text to Hex 22E4FF 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 #22E4FF looks like.

```
.text, #text, p{  
    color:#22E4FF  
}
```

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 #22E4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22E4FF
}
```

Border

The CSS property to change the border of an element to Hex 22E4FF 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
#22E4FF }
```

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

```
.border{ border-color:#22E4FF }
```

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

Here you see how a box with a 4 pixel #22E4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22E4FF; -webkit-box-shadow:4px 4px  
4px 4px #22E4FF; box-shadow:4px 4px 4px  
4px #22E4FF }
```

Background

The CSS property to change the background color of an element to Hex 22E4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22E4FF }
```

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

```
.background{ background-color:#22E4FF }
```

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