

Converting Colors

Hex(23CFFA)

Have a look what the booklet for
Hex(23CFFA) contains.

Hex(23CFFA)	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(23CFFA)

Conversions

Conversions Part 1

Format	Color
Hex	23CFFA
RGB	35, 207, 250
RGB Percent	14%, 81%, 98%
CMY	0.8627, 0.1882, 0.0196
CMYK	0.86, 0.17, 0.00, 0.02
HSL	192°, 96%, 56%
HSV	192°, 86%, 98%
XYZ	40.2613, 51.8851, 98.3353
YIQ	160.4740, -116.3150, -23.0910

Conversions

Conversions Part 2

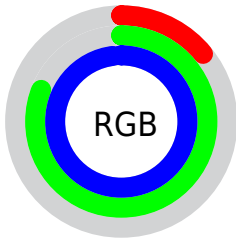
Format	Color
R _{YB}	35, 131, 250
Decimal	2347002
CIE _{Lab}	77.21, -26.27, -32.61
CIE _{LCh}	77, 41.874, 231.149
Y _{xy}	51.8851, 0.2114, 0.2724
Android (android.graphics.Color)	4280537082 (0xFF23CFFA)
YUV	160.4740, 44.1363, -110.0407
Hunter-Lab	72.0313, -26.2838, -30.5193

Details

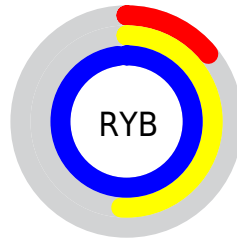
The Hex color **23CFFA** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FA4E23**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **7AFFFF**, and **0098C1** is the 20% darker color. If you saturate the color by 10%, you get **0ACAFA**, and if you desaturate by 10%, it is **3CD4FA**.

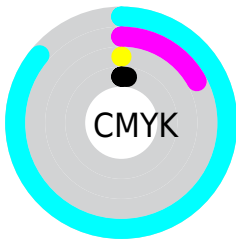
Distribution



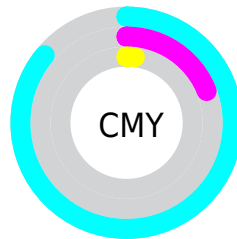
- Red (14%)
- Green (81%)
- Blue (98%)



- Red (14%)
- Yellow (51%)
- Blue (98%)



- Cyan (86%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (86%)
- Magenta (19%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23CFFA 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 23CFFA by changing the saturation by 10% instead.

 23CFFA

 23CFFA

FFFFFF

 00B3DD

 7AFFFF

 0098C1

 9BFFFF

 007EA6

 BCFFFF

 00658C

 DCFFFF

 004D72

 FBFFFF

 003659

 002241

 00032B

 000116

■ 23CFFA

■ 23CFFA

■ 0ACAFA

■ 3CD4FA

■ 00C8FA

■ 55D9FA

■ 6EDEF8

■ 87E3FA

■ A0E8FA

■ B9EDFA

■ D2F2FA

■ EBF7FA

■ FFFCFA

Harmonies

Analogous

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



19D3D9



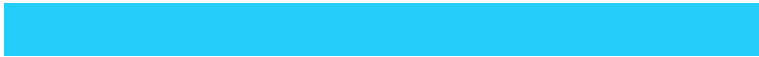
23CFFA



71C6FF

Triad

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



23CFFA



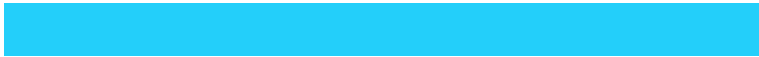
FFA1CC



BCC575

Complementary

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



23CFFA



FA4E23

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.



E2B872



23CFFA



FFA2A5

Square

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



23CFFA



E4ABF0



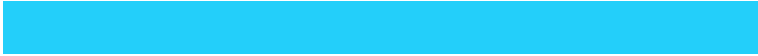
FEAB84



90CE8D

Rectangle

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



23CFFA



9EBEFF



FEAB84



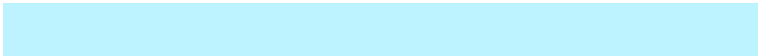
CAC171

Sweetspot

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



23CFFA



BDF2FF



23FA4E



587880



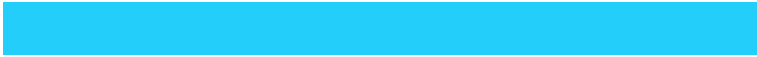
000000



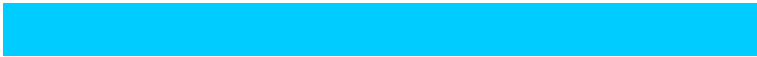
808080

Same Dimension

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



23CFFA



00CCFF



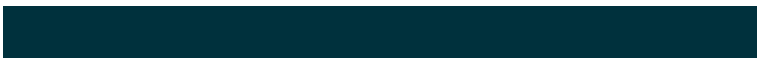
2367FA



707A7D



0097BD



00313D

Inverse Universe

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



FA23CF



FF00CC



FABA23



7D707A



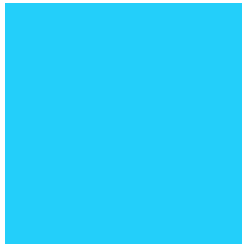
BD0097



3D0031

Previews

White Background



This preview shows how the Hex color 23CFFA looks on a white background.

Color Contrast Check

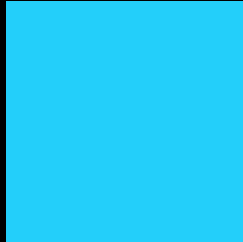
Large Text (above 18pt) WCAG AA × Fail

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 23CFFA 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 23CFFA Background



This preview shows how black text looks on a background with the Hex color 23CFFA.

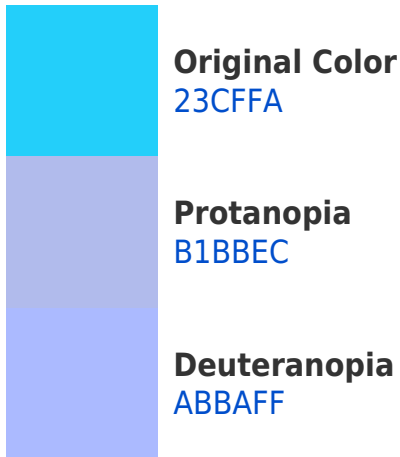


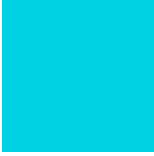
This preview shows how white text looks on a background with the Hex color 23CFFA.

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](#).

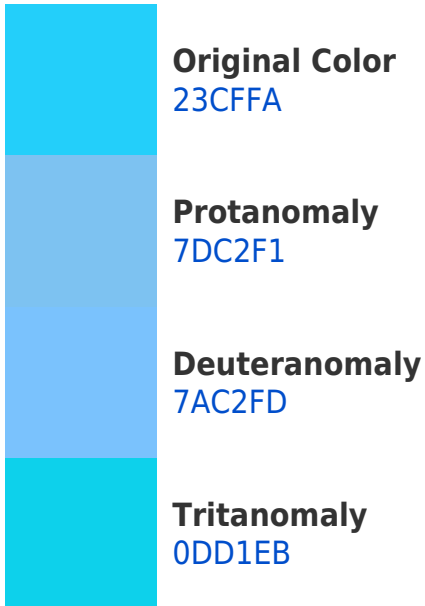
Dichromacy



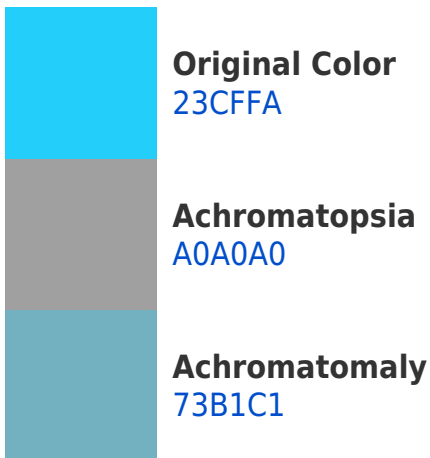


Tritanopia
00D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 23CFFA 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 #23CFFA looks like.

```
.text, #text, p{  
    color:#23CFFA  
}
```

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 #23CFFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23CFFA
}
```

Border

The CSS property to change the border of an element to Hex 23CFFA 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
#23CFFA }
```

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

```
.border{ border-color:#23CFFA }
```

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

Here you see how a box with a 4 pixel #23CFFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23CFFA; -webkit-box-shadow:4px 4px  
4px 4px #23CFFA; box-shadow:4px 4px 4px  
4px #23CFFA }
```

Background

The CSS property to change the background color of an element to Hex 23CFFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23CFFA }
```

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

```
.background{ background-color:#23CFFA }
```

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