

Converting Colors

Hex(23A1FF)

Have a look what the booklet for
Hex(23A1FF) contains.

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Color

Hex(23A1FF)

Conversions

Conversions Part 1

Format	Color
Hex	23A1FF
RGB	35, 161, 255
RGB Percent	14%, 63%, 100%
CMY	0.8627, 0.3686, 0.0000
CMYK	0.86, 0.37, 0.00, 0.00
HSL	206°, 100%, 57%
HSV	206°, 86%, 100%
XYZ	31.4880, 33.0671, 99.3307
YIQ	134.0420, -105.2700, 2.5220

Conversions

Conversions Part 2

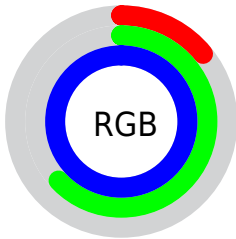
Format	Color
R _Y B	35, 115, 255
Decimal	2335231
CIE Lab	64.22, 0.22, -55.67
CIE LCh	64, 55.670, 270.222
Yxy	33.0671, 0.1921, 0.2018
Android (android.graphics.Color)	4280525311 (0xFF23A1FF)
YUV	134.0420, 59.6323, -86.8598
Hunter-Lab	57.5040, -2.8890, -62.1631

Details

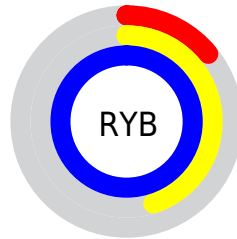
The Hex color **23A1FF** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FF8123**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **78D7FF**, and **006EC6** is the 20% darker color. If you saturate the color by 10%, you get **0996FF**, and if you desaturate by 10%, it is **3CACFF**.

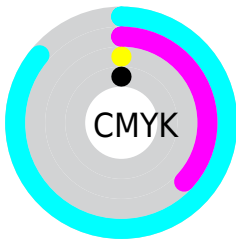
Distribution



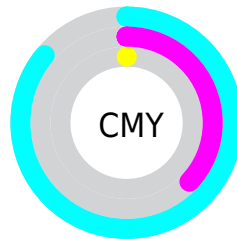
- Red (14%)
- Green (63%)
- Blue (100%)



- Red (14%)
- Yellow (45%)
- Blue (100%)



- Cyan (86%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (86%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23A1FF 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 23A1FF by changing the saturation by 10% instead.

 23A1FF

 23A1FF

FFFFFF

 0087E2

 78D7FF

 006EC6

 99F4FF

 0056AA

 B9FFFF

 00408F

 D9FFFF

 002B75

 F9FFFF

 00175C

 000743

 00032C

 000116

■ 23A1FF

■ 23A1FF

■ 0996FF

■ 3CACFF

■ 0092FF

■ 56B7FF

■ 6FC2FF

■ 89CDDF

■ A3D7FF

■ BCE2FF

■ D5EDFF

■ EFF8FF

FFFFFF

Harmonies

Analogous

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



00ADF1



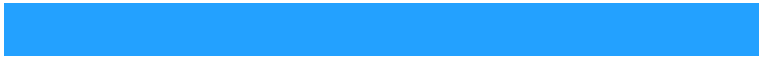
23A1FF



9D8EF2

Triad

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



23A1FF



F4756C



3EB068

Complementary

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



23A1FF



FF8123

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.



84A740



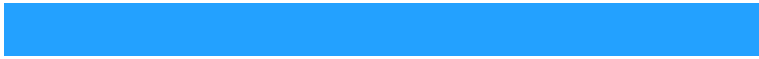
23A1FF



DD8745

Square

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



23A1FF



F46F9D



B69931



00B49A

Rectangle

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



23A1FF



C881DC



B69931



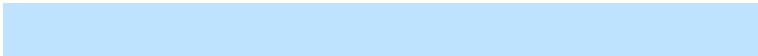
5BAE59

Sweetspot

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



23A1FF



BDE3FF



23FF7F



586F80



000000



808080

Same Dimension

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



23A1FF



0092FF



2335FF



737A80



006EBF



002540

Inverse Universe

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



FF23A1



FF0092



FFED23



80737A



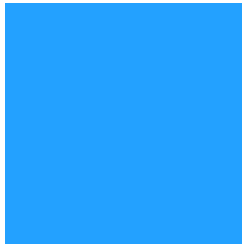
BF006E



400025

Previews

White Background



This preview shows how the Hex color 23A1FF looks on a white background.

Color Contrast Check

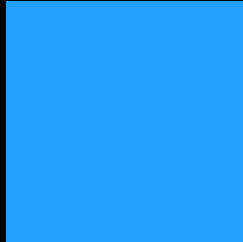
Large Text (above 18pt) WCAG AA × Fail

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 23A1FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

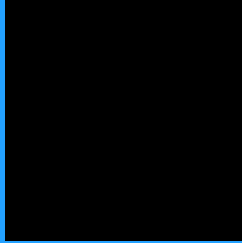
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

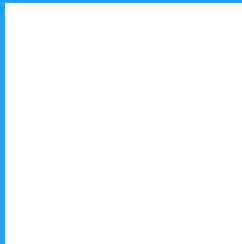
Any Text WCAG AAA ✓ Pass

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

Hex 23A1FF Background



This preview shows how black text looks on a background with the Hex color 23A1FF.



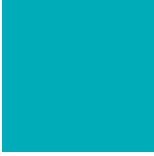
This preview shows how white text looks on a background with the Hex color 23A1FF.

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](#).

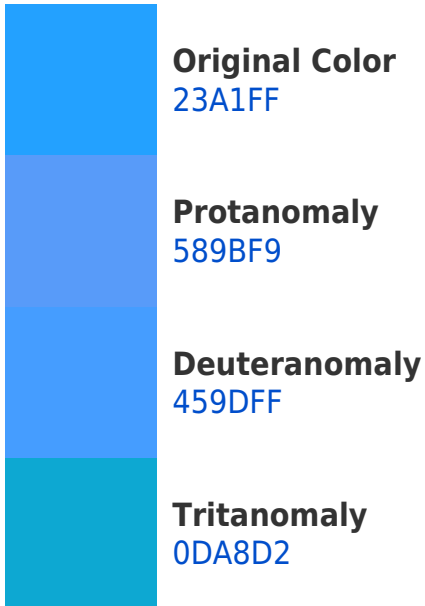
Dichromacy





Tritanopia
00ACB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 23A1FF 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 #23A1FF looks like.

```
.text, #text, p{  
    color:#23A1FF  
}
```

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 #23A1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23A1FF
}
```

Border

The CSS property to change the border of an element to Hex 23A1FF 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
#23A1FF }
```

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

```
.border{ border-color:#23A1FF }
```

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

Here you see how a box with a 4 pixel #23A1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23A1FF; -webkit-box-shadow:4px 4px  
4px 4px #23A1FF; box-shadow:4px 4px 4px  
4px #23A1FF }
```

Background

The CSS property to change the background color of an element to Hex 23A1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23A1FF }
```

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

```
.background{ background-color:#23A1FF }
```

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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