

Converting Colors

Hex(22ABFF)

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

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Color

Hex(22ABFF)

Conversions

Conversions Part 1

Format	Color
Hex	22ABFF
RGB	34, 171, 255
RGB Percent	13%, 67%, 100%
CMY	0.8667, 0.3294, 0.0000
CMYK	0.87, 0.33, 0.00, 0.00
HSL	203°, 100%, 57%
HSV	203°, 87%, 100%
XYZ	33.2726, 36.6859, 99.9352
YIQ	139.6130, -108.6160, -2.9200

Conversions

Conversions Part 2

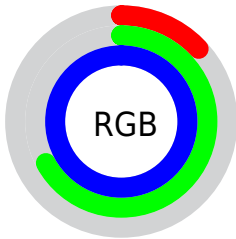
Format	Color
R _Y B	34, 119, 255
Decimal	2272255
CIE Lab	67.04, -5.55, -51.19
CIE LCh	67, 51.490, 263.815
Yxy	36.6859, 0.1958, 0.2159
Android (android.graphics.Color)	4280462335 (0xFF22ABFF)
YUV	139.6130, 56.8858, -92.6226
Hunter-Lab	60.5689, -7.9393, -55.4269

Details

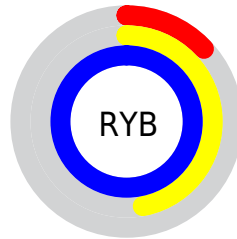
The Hex color **22ABFF** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FF7622**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **78E2FF**, and **0077C6** is the 20% darker color. If you saturate the color by 10%, you get **08A1FF**, and if you desaturate by 10%, it is **3BB5FF**.

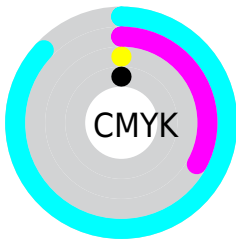
Distribution



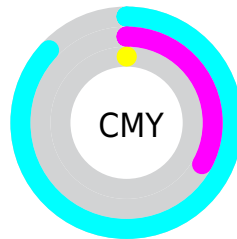
- Red (13%)
- Green (67%)
- Blue (100%)



- Red (13%)
- Yellow (47%)
- Blue (100%)



- Cyan (87%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (87%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

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

■ 22ABFF

■ 22ABFF

FFFFFF

■ 0091E2

■ 78E2FF

■ 0077C6

■ 99FFFF

■ 005FAA

■ B9FFFF

■ 00488F

■ D9FFFF

■ 003275

■ F9FFFF

■ 001E5C

■ 000744

■ 00032D

■ 000117

■ 22ABFF

■ 22ABFF

■ 08A1FF

■ 3BB5FF

■ 009EFF

■ 55BEFF

■ 6EC8FF

■ 88D2FF

■ A2DBFF

■ BBE5FF

■ D4EFFF

■ EEF9FF

FFFFFF

Harmonies

Analogous

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



00B5ED



22ABFF



969BF8

Triad

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



22ABFF



F97E80



61B56A

Complementary

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



22ABFF



FF7622

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.



99AC4A



22ABFF



E88C59

Square

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



22ABFF



F37CAF



C69D44



00BA98

Rectangle

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



22ABFF



C28EE6



C69D44



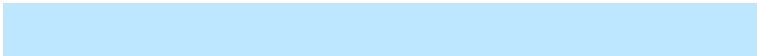
76B35E

Sweetspot

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



22ABFF



BDE6FF



22FF73



587080



000000



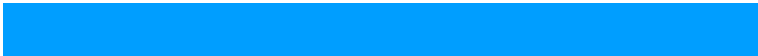
808080

Same Dimension

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



22ABFF



009EFF



223FFF



737B80



0077BF



002840

Inverse Universe

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



FF22AB



FF009E



FFE222



80737B



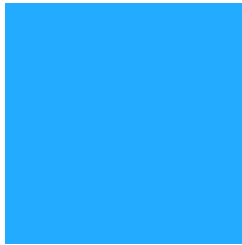
BF0077



400028

Previews

White Background



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

Color Contrast Check

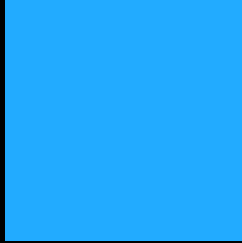
Large Text (above 18pt) WCAG AA × Fail

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 22ABFF 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

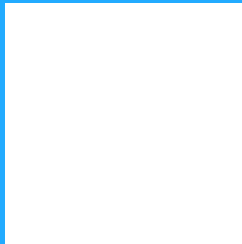
Any Text WCAG AAA ✓ Pass

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

Hex 22ABFF Background



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

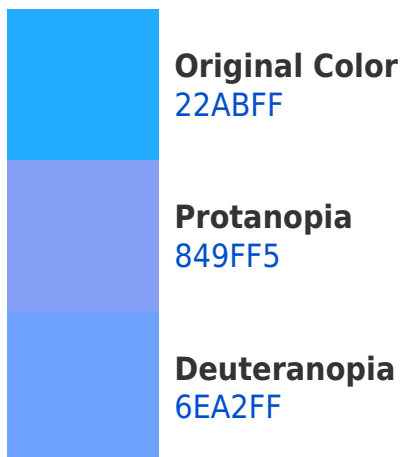


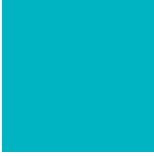
This preview shows how white text looks on a background with the Hex color 22ABFF.

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](#).

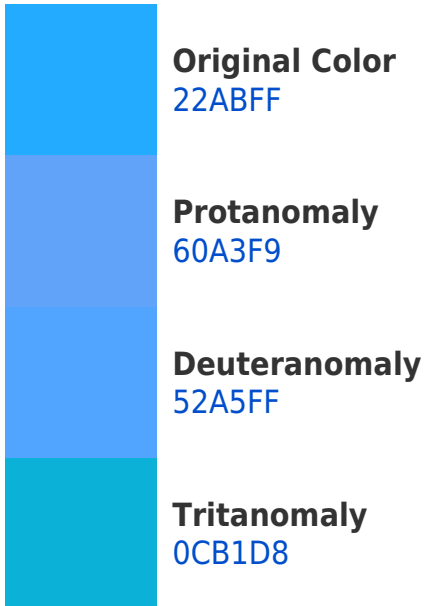
Dichromacy



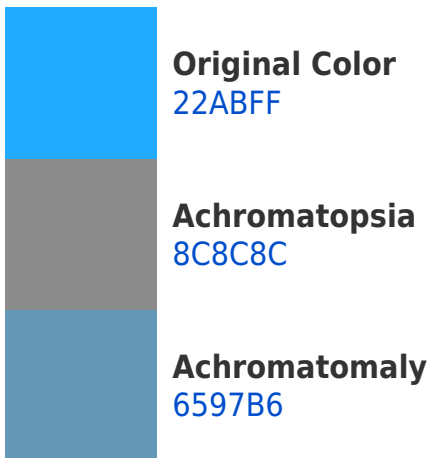


Tritanopia
00B4C1

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #22ABFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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