

Converting Colors

Hex(22FF00)

Have a look what the booklet for
Hex(22FF00) contains.

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Color

Hex(22FF00)

Conversions

Conversions Part 1

Format	Color
Hex	22FF00
RGB	34, 255, 0
RGB Percent	13%, 100%, 0%
CMY	0.8667, 0.0000, 1.0000
CMYK	0.87, 0.00, 1.00, 0.00
HSL	112°, 100%, 50%
HSV	112°, 100%, 100%
XYZ	36.4197, 71.8601, 11.9509
YIQ	159.8510, -49.8610, -126.1570

Conversions

Conversions Part 2

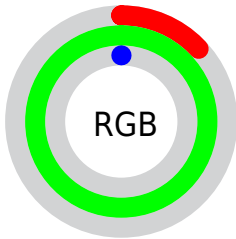
Format	Color
RYB	0, 255, 221
Decimal	2293504
CIELab	87.90, -84.69, 83.38
CIELCh	88, 118.845, 135.445
Yxy	71.8601, 0.3029, 0.5977
Android (android.graphics.Color)	4280483584 (0xFF22FF00)
YUV	159.8510, -78.8065, -110.3713
Hunter-Lab	84.7703, -71.6595, 50.9806

Details

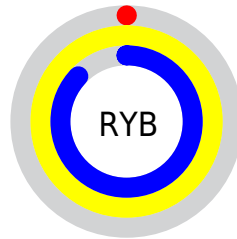
The Hex color **22FF00** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **DD00FF**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **7FFF5C**, and **00C400** is the 20% darker color. If you saturate the color by 10%, you get **22FF00**, and if you desaturate by 10%, it is **38FF19**.

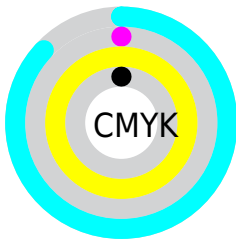
Distribution



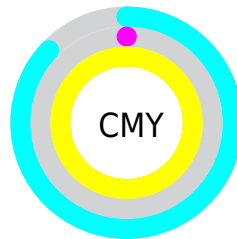
- Red (13%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (87%)



- Cyan (87%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (87%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22FF00 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 22FF00 by changing the saturation by 10% instead.

 22FF00

 22FF00

FFFFFF

 00E100

 7FFF5C

 00C400

 A2FF7B

 00A800

 C3FF99

 008C00

 E4FFB7

 007100

 FFFFD5

 005600

 FFFFF3

 003D00

 002300

 000000

 22FF00

 38FF19

 4EFF33

 64FF4D

 7AFF66

 91FF80

 A7FF99

 BDFFB3

 D3FFCC

 E9FFE6

Harmonies

Analogous

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



D3E900



22FF00



00FF9F

Triad

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



22FF00



00FAFF



FF43A8

Complementary

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



22FF00



DD00FF

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.



FF53FF



22FF00



00D7FF

Square

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



22FF00



00FFFF



FF9DFF



FF8937

Rectangle

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



22FF00



00FFEF



FF9DFF



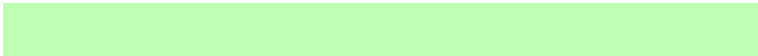
FF37CD

Sweetspot

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



22FF00



BDFFB3



FFDD00



588052



000000



808080

Same Dimension

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



22FF00



00FF5E



748073



19BF00



084000

Inverse Universe

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



DD00FF



FF00A1



7E7380



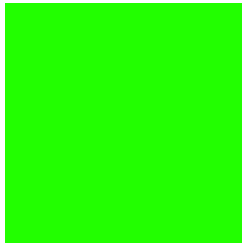
A600BF



370040

Previews

White Background



This preview shows how the Hex color 22FF00 looks on a white background.

Color Contrast Check

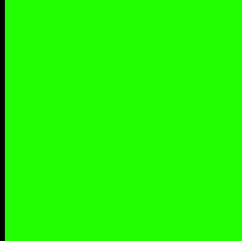
Large Text (above 18pt) WCAG AA × Fail

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 22FF00 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

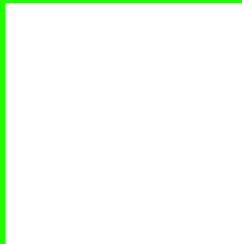
Any Text WCAG AAA ✓ Pass

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

Hex 22FF00 Background



This preview shows how black text looks on a background with the Hex color 22FF00.



This preview shows how white text looks on a background with the Hex color 22FF00.

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](#).

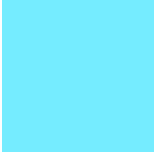
Dichromacy



Original Color
E67E22

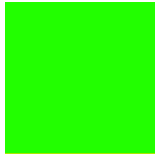
Protanopia
F1C40F

Deuteranopia
A9D0D9



Tritanopia
75ECFF

Trichromacy



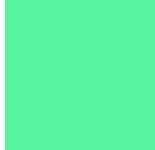
Original Color
22FF00



Protanomaly
A9E800

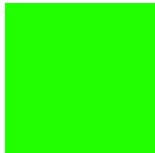


Deuteranomaly
AFE35C



Tritanomaly
57F3A2

Monochromacy



Original Color
22FF00



Achromatopsia
A0A0A0



Achromatomaly
72C366

CSS Examples

Text

The CSS property to change the color of the text to Hex 22FF00 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 #22FF00 looks like.

```
.text, #text, p{  
    color:#22FF00  
}
```

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 #22FF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22FF00
}
```

Border

The CSS property to change the border of an element to Hex 22FF00 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
#22FF00 }
```

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

```
.border{ border-color:#22FF00 }
```

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

Here you see how a box with a 4 pixel #22FF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22FF00; -webkit-box-shadow:4px 4px  
4px 4px #22FF00; box-shadow:4px 4px 4px  
4px #22FF00 }
```

Background

The CSS property to change the background color of an element to Hex 22FF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22FF00 }
```

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

```
.background{ background-color:#22FF00 }
```

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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