

Converting Colors

Hex(22F000)

Have a look what the booklet for
Hex(22F000) contains.

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Color

Hex(22F000)

Conversions

Conversions Part 1

Format	Color
Hex	22F000
RGB	34, 240, 0
RGB Percent	13%, 94%, 0%
CMY	0.8667, 0.0588, 1.0000
CMYK	0.86, 0.00, 1.00, 0.06
HSL	112°, 100%, 47%
HSV	112°, 100%, 94%
XYZ	31.8198, 62.6603, 10.4176
YIQ	151.0460, -45.7360, -118.3120

Conversions

Conversions Part 2

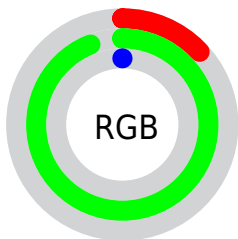
Format	Color
RYB	0, 240, 206
Decimal	2289664
CIELab	83.26, -80.68, 79.67
CIELCh	83, 113.385, 135.360
Yxy	62.6603, 0.3033, 0.5973
Android (android.graphics.Color)	4280479744 (0xFF22F000)
YUV	151.0460, -74.4657, -102.6493
Hunter-Lab	79.1582, -66.7740, 47.6079

Details

The Hex color **22F000** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **CE00F0**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **7BFF59**, and **00B600** is the 20% darker color. If you saturate the color by 10%, you get **22F000**, and if you desaturate by 10%, it is **37F018**.

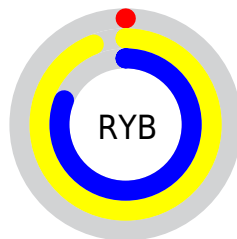
Distribution



Red (13%)

Green (94%)

Blue (0%)



Red (0%)

Yellow (94%)

Blue (81%)

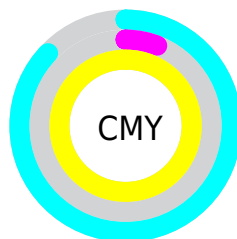


Cyan (86%)

Magenta (0%)

Yellow (100%)

Black (6%)



Cyan (87%)

Magenta (6%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22F000 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 22F000 by changing the saturation by 10% instead.

 22F000

 22F000

FFFFFF

 00D300

 7BFF59

 00B600

 9DFF77

 009A00

 BEFF95

 007F00

 DFFFB2

 006400

 FFFFD0

 004A00

 FFFFEE

 003000

 001400

 000000

 22F000

 37F018

 4BF030

 60F048

 74F060

 89F078

 9EF090

 B2F0A8

 C7F0C0

 DBF0D8

Harmonies

Analogous

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



C7DC00



22F000



00FA95

Triad

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



22F000



00EBFF



FF3F9E

Complementary

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



22F000



CE00F0

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.



FF4EFF



22F000



00CAFF

Square

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



22F000



00FAFF



FF94FF



FF8034

Rectangle

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



22F000



00FDE0



FF94FF



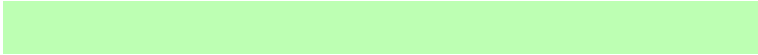
FF34C1

Sweetspot

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



22F000



BDFFB3



F0CC00



588052



000000



808080

Same Dimension

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



22F000



24FF00



00F054



6E786C



1AB800



083800

Inverse Universe

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



CE00F0



DB00FF



F0009C



766C78



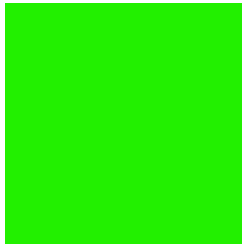
9E00B8



300038

Previews

White Background



This preview shows how the Hex color 22F000 looks on a white background.

Color Contrast Check

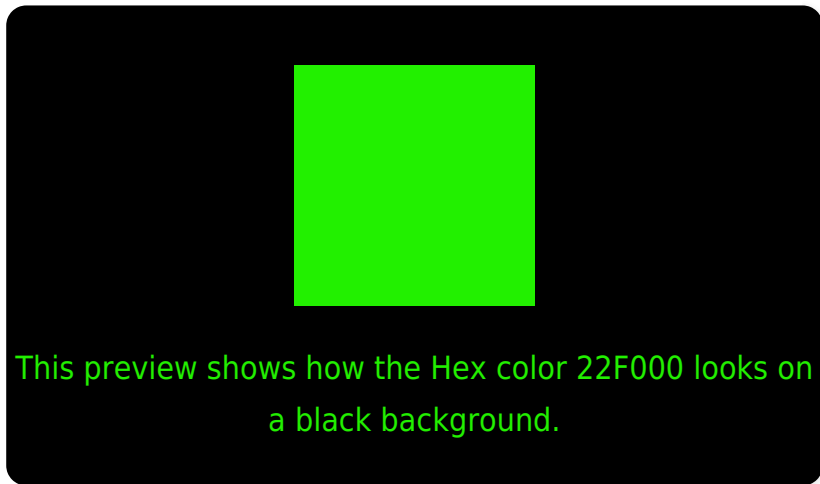
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

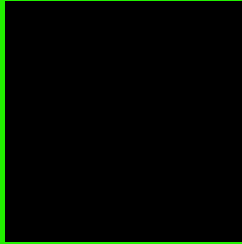
Any Text WCAG AA ✓ Pass

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 22F000 Background



This preview shows how black text looks on a background with the Hex color 22F000.

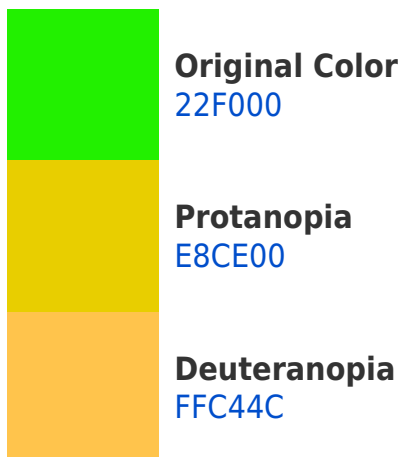


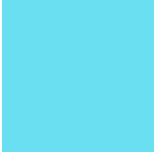
This preview shows how white text looks on a background with the Hex color 22F000.

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](#).

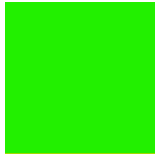
Dichromacy





Tritanopia
69DFF1

Trichromacy



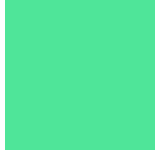
Original Color
22F000



Protanomaly
A0DA00



Deuteranomaly
AFD430



Tritanomaly
4FE599

Monochromacy



Original Color
22F000



Achromatopsia
979797



Achromatomaly
6CB760

CSS Examples

Text

The CSS property to change the color of the text to Hex 22F000 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 #22F000 looks like.

```
.text, #text, p{  
    color:#22F000  
}
```

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 #22F000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22F000
}
```

Border

The CSS property to change the border of an element to Hex 22F000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

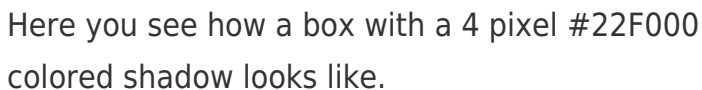
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#22F000 }
```

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

```
.border{ border-color:#22F000 }
```

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



Here you see how a box with a 4 pixel #22F000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22F000; -webkit-box-shadow:4px 4px  
4px 4px #22F000; box-shadow:4px 4px 4px  
4px #22F000 }
```

Background

The CSS property to change the background color of an element to Hex 22F000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22F000 }
```

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

```
.background{ background-color:#22F000 }
```

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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