

Converting Colors

Hex(21EF00)

Have a look what the booklet for
Hex(21EF00) contains.

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Color

Hex(21EF00)

Conversions

Conversions Part 1

Format	Color
Hex	21EF00
RGB	33, 239, 0
RGB Percent	13%, 94%, 0%
CMY	0.8706, 0.0627, 1.0000
CMYK	0.86, 0.00, 1.00, 0.06
HSL	112°, 100%, 47%
HSV	112°, 100%, 94%
XYZ	31.4937, 62.0563, 10.3182
YIQ	150.1600, -46.0570, -118.0010

Conversions

Conversions Part 2

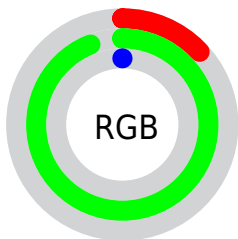
Format	Color
RYB	0, 239, 206
Decimal	2223872
CIELab	82.94, -80.49, 79.41
CIELCh	83, 113.068, 135.387
Yxy	62.0563, 0.3032, 0.5975
Android (android.graphics.Color)	4280413952 (0xFF21EF00)
YUV	150.1600, -74.0289, -102.7493
Hunter-Lab	78.7758, -66.4954, 47.3772

Details

The Hex color **21EF00** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **CE00EF**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **7BFF59**, and **00B500** is the 20% darker color. If you saturate the color by 10%, you get **21EF00**, and if you desaturate by 10%, it is **36EF18**.

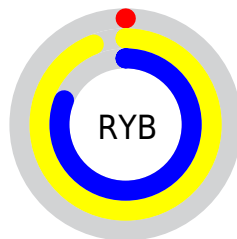
Distribution



Red (13%)

Green (94%)

Blue (0%)



Red (0%)

Yellow (94%)

Blue (81%)

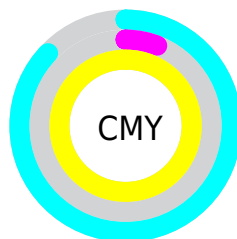


Cyan (86%)

Magenta (0%)

Yellow (100%)

Black (6%)



Cyan (87%)

Magenta (6%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21EF00 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 21EF00 by changing the saturation by 10% instead.

 21EF00

 21EF00

FFFFFF

 00D200

 7BFF59

 00B500

 9DFF77

 009900

 BEFF95

 007E00

 DEFFB2

 006300

 FEFFD0

 004900

 FFFFEE

 003000

 001200

 000000

 21EF00

 36EF18

 4AEF30

 5FEF48

 73EF60

 88EF77

 9DEF8F

 B1EFA7

 C6EFBF

 DAEFD7

Harmonies

Analogous

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



C6DB00



21EF00



00F995

Triad

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



21EF00



00EAFB



FF3E9D

Complementary

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



21EF00



CE00EF

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.



FF4DFF



21EF00



00C9FF

Square

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



21EF00



00F9FF



FF93FF



FF8033

Rectangle

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



21EF00



00FCE0



FF93FF



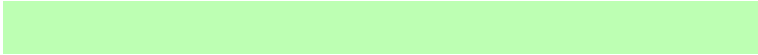
FF33C0

Sweetspot

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



21EF00



BDFFB3



EFCB00



588052



000000



808080

Same Dimension

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



21EF00



23FF00



00EF54



6E786C



19B800



083800

Inverse Universe

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



CE00EF



DC00FF



EF009B



766C78



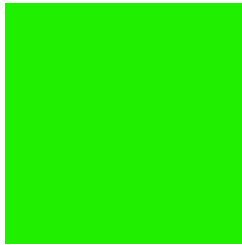
9E00B8



300038

Previews

White Background



This preview shows how the Hex color 21EF00 looks on a white background.

Color Contrast Check

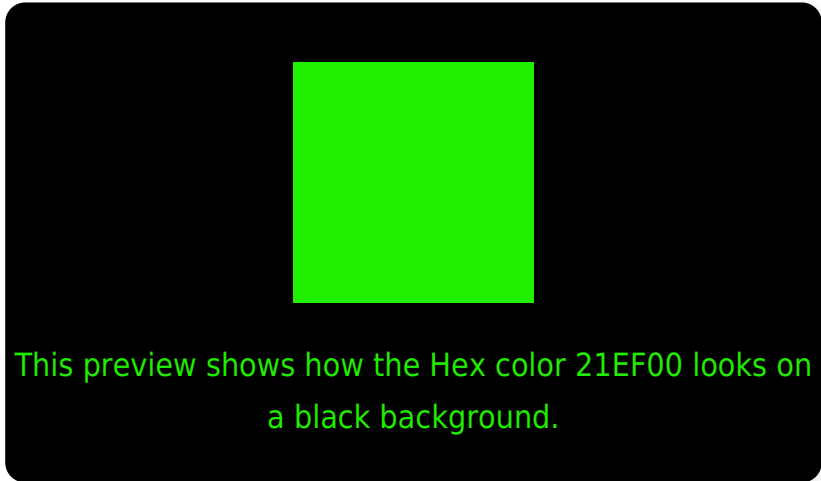
Large Text (above 18pt) WCAG AA × Fail

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

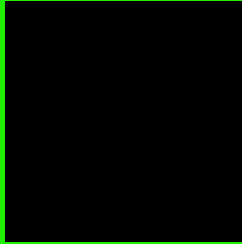
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

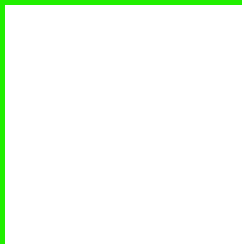
Any Text WCAG AAA ✓ Pass

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

Hex 21EF00 Background



This preview shows how black text looks on a background with the Hex color 21EF00.



This preview shows how white text looks on a background with the Hex color 21EF00.

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](#).

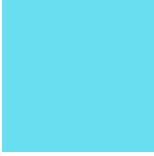
Dichromacy



Original Color
21EF00

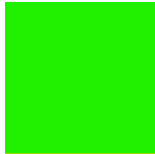
Protanopia
E7CD00

Deuteranopia
FFC244



Tritanopia
68DEF0

Trichromacy



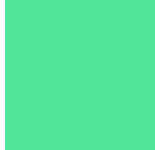
Original Color
21EF00



Protanomaly
9FD900

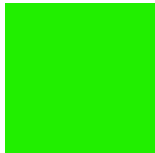


Deuteranomaly
AED22B



Tritanomaly
4EE499

Monochromacy



Original Color
21EF00



Achromatopsia
969696



Achromatomaly
6BB65F

CSS Examples

Text

The CSS property to change the color of the text to Hex 21EF00 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 #21EF00 looks like.

```
.text, #text, p{  
    color:#21EF00  
}
```

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 #21EF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21EF00
}
```

Border

The CSS property to change the border of an element to Hex 21EF00 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
#21EF00 }
```

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

```
.border{ border-color:#21EF00 }
```

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

Here you see how a box with a 4 pixel #21EF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21EF00; -webkit-box-shadow:4px 4px  
4px 4px #21EF00; box-shadow:4px 4px 4px  
4px #21EF00 }
```

Background

The CSS property to change the background color of an element to Hex 21EF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21EF00 }
```

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

```
.background{ background-color:#21EF00 }
```

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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