

Converting Colors

Hex(21FF55)

Have a look what the booklet for
Hex(21FF55) contains.

Hex(21FF55)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(21FF55)

Conversions

Conversions Part 1

Format	Color
Hex	21FF55
RGB	33, 255, 85
RGB Percent	13%, 100%, 33%
CMY	0.8706, 0.0000, 0.6667
CMYK	0.87, 0.00, 0.67, 0.00
HSL	134°, 100%, 56%
HSV	134°, 87%, 100%
XYZ	38.0269, 72.4992, 20.5839
YIQ	169.2420, -77.7420, -99.9340

Conversions

Conversions Part 2

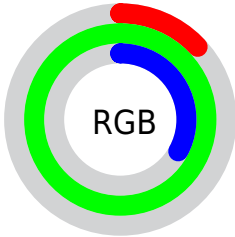
Format	Color
R _Y B	33, 213, 255
Decimal	2228053
CIE Lab	88.21, -80.74, 64.88
CIE LCh	88, 103.584, 141.215
Yxy	72.4992, 0.2900, 0.5530
Android (android.graphics.Color)	4280418133 (0xFF21FF55)
YUV	169.2420, -41.5313, -119.4842
Hunter-Lab	85.1465, -69.2872, 45.2694

Details

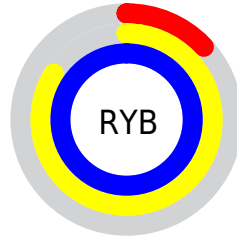
The Hex color **21FF55** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark washed green. A complement of this color would be **FF21CB**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **7CFF8D**, and **00C412** is the 20% darker color. If you saturate the color by 10%, you get **08FF41**, and if you desaturate by 10%, it is **3AFF69**.

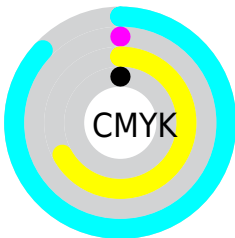
Distribution



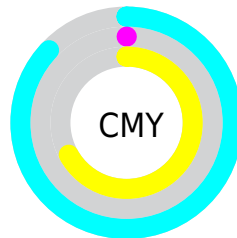
- Red (13%)
- Green (100%)
- Blue (33%)



- Red (13%)
- Yellow (84%)
- Blue (100%)



- Cyan (87%)
- Magenta (0%)
- Yellow (67%)
- Black (0%)



- Cyan (87%)
- Magenta (0%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21FF55 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 21FF55 by changing the saturation by 10% instead.

 21FF55

 21FF55

FFFFFF

 00E137


 7CFF8D

 00C412

 9FFFAA

 00A800

 BFFFC6

 008C00

 E0FFE4

 007100

 005600

 003E00

 002300

 000000

■ 21FF55

■ 21FF55

■ 08FF41

■ 3AFF69

■ 00FF3C

■ 54FF7C

■ 6DFF90

■ 87FFA3

■ A1FFB7

■ BAFFCA

■ D3FFDE

■ EDFFF1

FFFFFF

Harmonies

Analogous

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



C6ED00



21FF55



00FFBC

Triad

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



21FF55



00F2FF



FF759C

Complementary

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



21FF55



FF21CB

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.



FF71FF



21FF55



94D0FF

Square

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



21FF55



00FFFF



FF9FFF



FFA33E

Rectangle

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



21FF55



00FFFF



FF9FFF



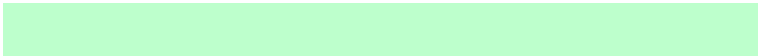
FF6DBD

Sweetspot

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



21FF55



BDFCC



CBFF21



588061



000000



808080

Same Dimension

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



21FF55



00FF3C



21FFC4



738076



00BF2D



00400F

Inverse Universe

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



FF21CB



FF00C3



FF215C



80737D



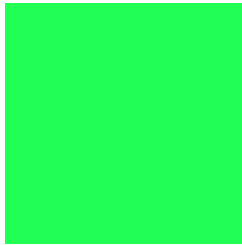
BF0092



400031

Previews

White Background



This preview shows how the Hex color 21FF55 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 21FF55 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 21FF55 Background



This preview shows how black text looks on a background with the Hex color 21FF55.

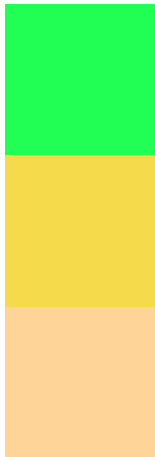


This preview shows how white text looks on a background with the Hex color 21FF55.

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](#).

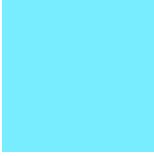
Dichromacy



Original Color
21FF55

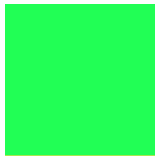
Protanopia
F5DB4B

Deuteranopia
FFD498



Tritanopia
78EDFF

Trichromacy



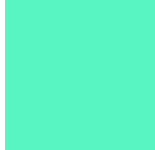
Original Color
21FF55



Protanomaly
A8E84F



Deuteranomaly
AEE480



Tritanomaly
58F4C1

Monochromacy



Original Color
21FF55



Achromatopsia
A9A9A9



Achromatomaly
78C88A

CSS Examples

Text

The CSS property to change the color of the text to Hex 21FF55 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 #21FF55 looks like.

```
.text, #text, p{  
    color:#21FF55  
}
```

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 #21FF55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21FF55
}
```

Border

The CSS property to change the border of an element to Hex 21FF55 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
#21FF55 }
```

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

```
.border{ border-color:#21FF55 }
```

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

Here you see how a box with a 4 pixel #21FF55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21FF55; -webkit-box-shadow:4px 4px  
4px 4px #21FF55; box-shadow:4px 4px 4px  
4px #21FF55 }
```

Background

The CSS property to change the background color of an element to Hex 21FF55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21FF55 }
```

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

```
.background{ background-color:#21FF55 }
```

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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