

Converting Colors

Hex(20FA69)

Have a look what the booklet for
Hex(20FA69) contains.

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Color

Hex(20FA69)

Conversions

Conversions Part 1

Format	Color
Hex	20FA69
RGB	32, 250, 105
RGB Percent	13%, 98%, 41%
CMY	0.8745, 0.0196, 0.5882
CMYK	0.87, 0.00, 0.58, 0.02
HSL	140°, 96%, 55%
HSV	140°, 87%, 98%
XYZ	37.3311, 69.6982, 24.8502
YIQ	168.2880, -83.3830, -91.3110

Conversions

Conversions Part 2

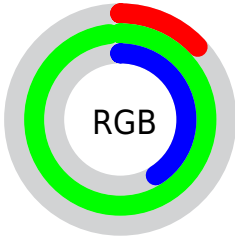
Format	Color
RYB	32, 195, 250
Decimal	2161257
CIELab	86.85, -77.14, 55.10
CIELCh	87, 94.803, 144.463
Yxy	69.6982, 0.2831, 0.5285
Android (android.graphics.Color)	4280351337 (0xFF20FA69)
YUV	168.2880, -31.2010, -119.5246
Hunter-Lab	83.4855, -66.2821, 40.7916

Details

The Hex color **20FA69** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **FA20B1**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **7AFFA0**, and **00C032** is the 20% darker color. If you saturate the color by 10%, you get **07FA58**, and if you desaturate by 10%, it is **39FA7A**.

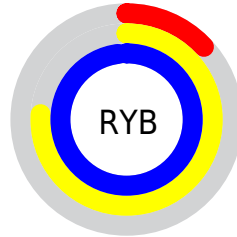
Distribution



Red (13%)

Green (98%)

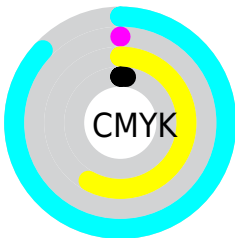
Blue (41%)



Red (13%)

Yellow (76%)

Blue (98%)

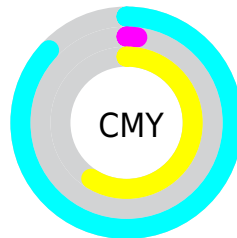


Cyan (87%)

Magenta (0%)

Yellow (58%)

Black (2%)



Cyan (87%)

Magenta (2%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20FA69 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 20FA69 by changing the saturation by 10% instead.

 20FA69

 20FA69

FFFFFF

 00DD4E

 7AFFA0

 00C032

 9CFFBC

 00A311

 BCFFD9

 008800

 DCFFF6

 006D00

 FCFFF6

 005200

 003A00

 002000

 000000

 20FA69

 20FA69

 07FA58

 39FA7A

 00FA54

 52FA8A

 6BFA9B

 84FAAC

 9DFABC

 B6FACD

 CFFADD

 E8FAEE

 FFFAFF

Harmonies

Analogous

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



BCEA00



20FA69



00FFC5

Triad

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



20FA69



00E9FF



FF8395

Complementary

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



20FA69



FA20B1

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.



FF7BEE



20FA69



B4C9FF

Square

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



20FA69



00FCFF



FF9EFF



FFAA42

Rectangle

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



20FA69



00FFFF



FF9EFF



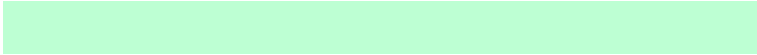
FF7BB2

Sweetspot

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



20FA69



BDFFD3



B1FA20



588065



000000



808080

Same Dimension

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



20FA69



00FF55



20FAD6



707D75



00BD3F



003D14

Inverse Universe

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



FA20B1



FF00AA



FA2044



7D7079



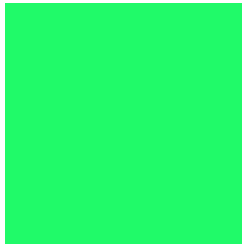
BD007E



3D0029

Previews

White Background



This preview shows how the Hex color 20FA69 looks on a white background.

Color Contrast Check

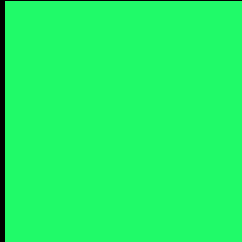
Large Text (above 18pt) WCAG AA × Fail

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 20FA69 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

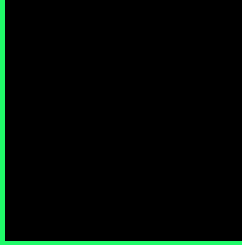
Any Text WCAG AA ✓ Pass

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 20FA69 Background



This preview shows how black text looks on a background with the Hex color 20FA69.

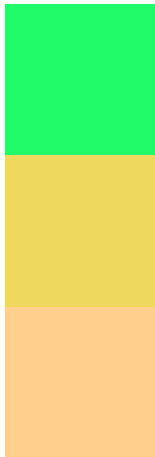


This preview shows how white text looks on a background with the Hex color 20FA69.

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](#).

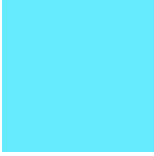
Dichromacy



Original Color
20FA69

Protanopia
EFD85E

Deuteranopia
FFCF8E



Tritanopia
66EBFE

Trichromacy



Original Color
20FA69



Protanomaly
A4E462

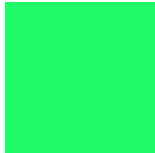


Deuteranomaly
AEDF81



Tritanomaly
4DF0C8

Monochromacy



Original Color
20FA69



Achromatopsia
A8A8A8



Achromatomaly
77C691

CSS Examples

Text

The CSS property to change the color of the text to Hex 20FA69 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 #20FA69 looks like.

```
.text, #text, p{  
    color:#20FA69  
}
```

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 #20FA69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20FA69
}
```

Border

The CSS property to change the border of an element to Hex 20FA69 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
#20FA69 }
```

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

```
.border{ border-color:#20FA69 }
```

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

Here you see how a box with a 4 pixel #20FA69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20FA69; -webkit-box-shadow:4px 4px  
4px 4px #20FA69; box-shadow:4px 4px 4px  
4px #20FA69 }
```

Background

The CSS property to change the background color of an element to Hex 20FA69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20FA69 }
```

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

```
.background{ background-color:#20FA69 }
```

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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