

# Converting Colors

Hex(20F847)

Have a look what the booklet for  
Hex(20F847) contains.

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**Color**

**Hex(20F847)**

# Conversions

## Conversions Part 1

Format	Color
Hex	20F847
RGB	32, 248, 71
RGB Percent	13%, 97%, 28%
CMY	0.8745, 0.0275, 0.7216
CMYK	0.87, 0.00, 0.71, 0.03
HSL	131°, 94%, 55%
HSV	131°, 87%, 97%
XYZ	35.3004, 67.8968, 17.2061
YIQ	163.2380, -71.9190, -100.8390

# Conversions

## Conversions Part 2

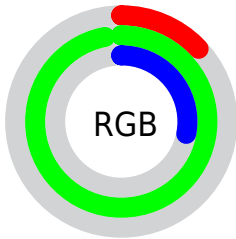
Format	Color
R <sub>Y</sub> B	32, 215, 248
Decimal	2160711
CIE Lab	85.95, -80.06, 67.66
CIE LCh	86, 104.816, 139.798
Yxy	67.8968, 0.2932, 0.5639
Android (android.graphics.Color)	4280350791 (0xFF20F847)
YUV	163.2380, -45.4733, -115.0957
Hunter-Lab	82.3995, -67.7288, 45.2991

# Details

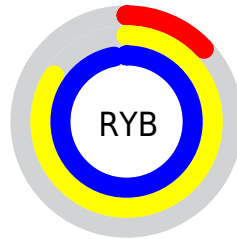
The Hex color **20F847** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **F820D1**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **7BFF80**, and **00BE00** is the 20% darker color. If you saturate the color by 10%, you get **07F833**, and if you desaturate by 10%, it is **39F85B**.

# Distribution



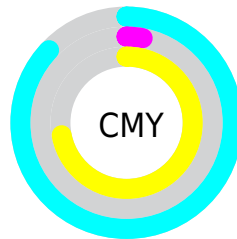
- Red (13%)
- Green (97%)
- Blue (28%)



- Red (13%)
- Yellow (84%)
- Blue (97%)



- Cyan (87%)
- Magenta (0%)
- Yellow (71%)
- Black (3%)



- Cyan (87%)
- Magenta (3%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 20F847 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 20F847 by changing the saturation by 10% instead.



 20F847

 20F847

FFFFFF

 00DB26

 7BFF80

 00BE00

 9DFF9D

 00A200

 BEFFBA

 008600

 DEFFD7

 006B00

 FEFFF4

 005000

 003800

 001D00

 000000

 20F847

 20F847

 07F833

 39F85B

 00F82D

 52F870

 6AF884

 83F898

 9CF8AD

 B5F8C1

 CEF8D5

 E6F8EA

 FFF8FE

# Harmonies

## Analogous

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



C4E600



20F847



00FFB0

# Triad

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



20F847



00EDFF



FF699A

# Complementary

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



20F847



F820D1

# 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.



FF68FD



20F847



7ACCF

# Square

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



20F847



00FEFF



FF9AFF



FF993A

# Rectangle

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



20F847



00FFF6



FF9AFF



FF60BB

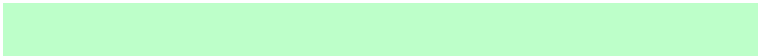


# Sweetspot

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



20F847



BDFFC9



D4F820



58805F



000000



808080



# Same Dimension

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



20F847



00FF2E



20F8B0



707D73



00BD22



003D0B



# Inverse Universe

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



F820D1



FF00D1



F82068



7D707B



BD009B

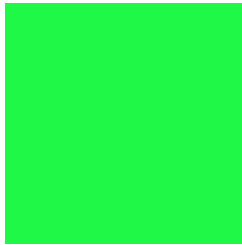


3D0032



# Previews

## White Background



This preview shows how the Hex color 20F847 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 20F847 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 20F847 Background



This preview shows how black text looks on a background with the Hex color 20F847.

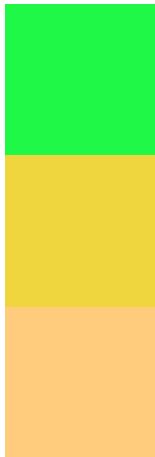


This preview shows how white text looks on a background with the Hex color 20F847.

# 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](#).

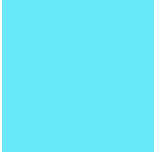
## Dichromacy



**Original Color**  
20F847

**Protanopia**  
EFD53E

**Deuteranopia**  
FFCC7D



**Tritanopia**  
69E8FA

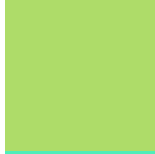
# Trichromacy



**Original Color**  
20F847



**Protanomaly**  
A4E241

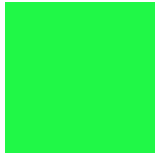


**Deuteranomaly**  
AEDC69



**Tritanomaly**  
4EEEB9

# Monochromacy



**Original Color**  
20F847



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
73C282

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 20F847 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 #20F847 looks like.

```
.text, #text, p{  
    color:#20F847  
}
```

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 #20F847 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20F847
}
```

## Border

The CSS property to change the border of an element to Hex 20F847 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
#20F847 }
```

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

```
.border{ border-color:#20F847 }
```

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

Here you see how a box with a 4 pixel #20F847 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20F847; -webkit-box-shadow:4px 4px  
4px 4px #20F847; box-shadow:4px 4px 4px  
4px #20F847 }
```

# Background

The CSS property to change the background color of an element to Hex 20F847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20F847 }
```

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

```
.background{ background-color:#20F847 }
```

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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