

Converting Colors

Hex(20FB2A)

Have a look what the booklet for
Hex(20FB2A) contains.

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Color

Hex(20FB2A)

Conversions

Conversions Part 1

Format	Color
Hex	20FB2A
RGB	32, 251, 42
RGB Percent	13%, 98%, 16%
CMY	0.8745, 0.0157, 0.8353
CMYK	0.87, 0.00, 0.83, 0.02
HSL	123°, 96%, 55%
HSV	123°, 87%, 98%
XYZ	35.5108, 69.4686, 13.7277
YIQ	161.6930, -63.4350, -111.4270

Conversions

Conversions Part 2

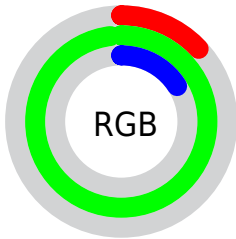
Format	Color
RYB	32, 241, 251
Decimal	2161450
CIELab	86.74, -82.71, 76.84
CIELCh	87, 112.897, 137.105
Yxy	69.4686, 0.2991, 0.5852
Android (android.graphics.Color)	4280351530 (0xFF20FB2A)
YUV	161.6930, -59.0086, -113.7408
Hunter-Lab	83.3478, -69.8079, 48.5782

Details

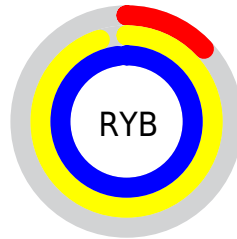
The Hex color **20FB2A** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **FB20F1**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **7DFF6B**, and **00C100** is the 20% darker color. If you saturate the color by 10%, you get **07FB12**, and if you desaturate by 10%, it is **39FB42**.

Distribution



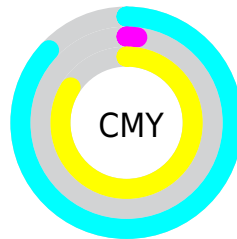
- Red (13%)
- Green (98%)
- Blue (16%)



- Red (13%)
- Yellow (95%)
- Blue (98%)



- Cyan (87%)
- Magenta (0%)
- Yellow (83%)
- Black (2%)



- Cyan (87%)
- Magenta (2%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20FB2A 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 20FB2A by changing the saturation by 10% instead.

 20FB2A

 20FB2A

FFFFFF

 00DE00

 7DFF6B

 00C100

 9FFF89

 00A400

 C0FFA6

 008800

 E1FFC3

 006D00

 FFFFE1

 005300

 003A00

 001F00

 000000

 20FB2A

 20FB2A

 07FB12

 39FB42

 00FB0B

 52FB5A

 6BFB72

 84FB8A

 9EFBA2

 B7FBBA

 D0FBD2

 E9FBEA

 FFFBFF

Harmonies

Analogous

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



CCE700



20FB2A



00FA5

Triad

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



20FB2A



00F3FF



FF54A1

Complementary

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



20FB2A



FB20F1

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.



FF5BFF



20FB2A



25D1FF

Square

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



20FB2A



00FFFF



FF9BFF



FF8F37

Rectangle

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



20FB2A



00FFF1



FF9BFF



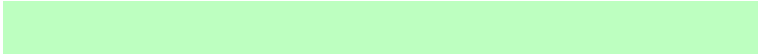
FF4AC5

Sweetspot

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



20FB2A



BDFFC0



F4FB20



58805A



000000



808080

Same Dimension

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



20FB2A



00FF0C



20FB95



707D71



00BD09



003D03

Inverse Universe

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



FB20F1



FF00F3



FB2086



7D707C



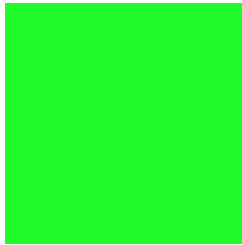
BD00B4



3D003A

Previews

White Background



This preview shows how the Hex color 20FB2A looks on a white background.

Color Contrast Check

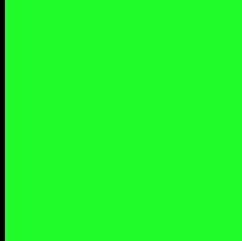
Large Text (above 18pt) WCAG AA × Fail

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 20FB2A 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 20FB2A Background



This preview shows how black text looks on a background with the Hex color 20FB2A.

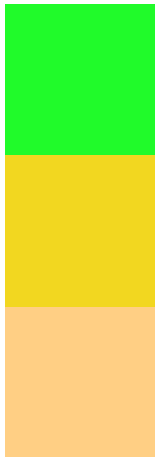


This preview shows how white text looks on a background with the Hex color 20FB2A.

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](#).

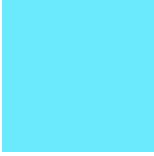
Dichromacy



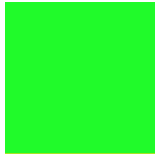
Original Color
E67E22

Protanopia
F2D720

Deuteranopia
FFCF84



Trichromacy



Original Color
20FB2A



Protanomaly
A6E424

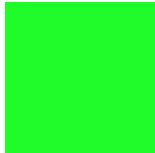


Deuteranomaly
AEDF63



Tritanomaly
50F0B0

Monochromacy



Original Color
20FB2A



Achromatopsia
A2A2A2



Achromatomaly
73C276

CSS Examples

Text

The CSS property to change the color of the text to Hex 20FB2A 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 #20FB2A looks like.

```
.text, #text, p{  
    color:#20FB2A  
}
```

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 #20FB2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20FB2A
}
```

Border

The CSS property to change the border of an element to Hex 20FB2A 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
#20FB2A }
```

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

```
.border{ border-color:#20FB2A }
```

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

Here you see how a box with a 4 pixel #20FB2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20FB2A; -webkit-box-shadow:4px 4px  
4px 4px #20FB2A; box-shadow:4px 4px 4px  
4px #20FB2A }
```

Background

The CSS property to change the background color of an element to Hex 20FB2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20FB2A }
```

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

```
.background{ background-color:#20FB2A }
```

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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