

Converting Colors

Hex(20FB95)

Have a look what the booklet for
Hex(20FB95) contains.

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Color

Hex(20FB95)

Conversions

Conversions Part 1

Format	Color
Hex	20FB95
RGB	32, 251, 149
RGB Percent	13%, 98%, 58%
CMY	0.8745, 0.0157, 0.4157
CMYK	0.87, 0.00, 0.41, 0.02
HSL	152°, 96%, 55%
HSV	152°, 87%, 98%
XYZ	40.5177, 71.4714, 40.0936
YIQ	173.8910, -97.7820, -78.1500

Conversions

Conversions Part 2

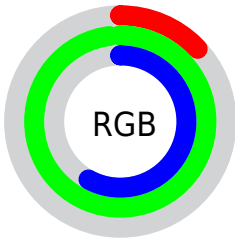
Format	Color
RYB	32, 175, 251
Decimal	2161557
CIELab	87.71, -70.74, 35.47
CIELCh	88, 79.130, 153.372
Yxy	71.4714, 0.2664, 0.4700
Android (android.graphics.Color)	4280351637 (0xFF20FB95)
YUV	173.8910, -12.2713, -124.4384
Hunter-Lab	84.5407, -62.3970, 31.0601

Details

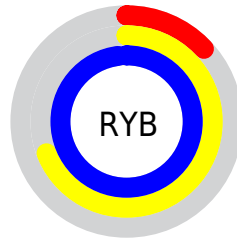
The Hex color **20FB95** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **FB2086**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **79FFCC**, and **00C161** is the 20% darker color. If you saturate the color by 10%, you get **07FB89**, and if you desaturate by 10%, it is **39FBA1**.

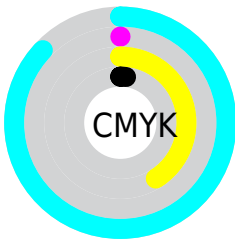
Distribution



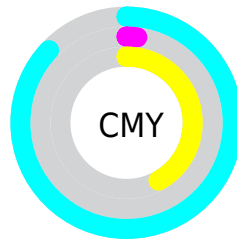
- Red (13%)
- Green (98%)
- Blue (58%)



- Red (13%)
- Yellow (69%)
- Blue (98%)



- Cyan (87%)
- Magenta (0%)
- Yellow (41%)
- Black (2%)



- Cyan (87%)
- Magenta (2%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20FB95 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 20FB95 by changing the saturation by 10% instead.

 20FB95

FFFFFF

 79FFCC

 9BFFE8

 BBFFFF

 DBFFFF

 FBFFFF

 20FB95

 00DE7B

 00C161

 00A548

 008930

 006E17

 005400

 003C00

 002200

 000000

 20FB95

 20FB95

 07FB89

 39FBA1

 00FB86

 52FBAC

 6BFBB8

 84FBC4

 9EFBCF

 B7FBDB

 D0FBE7

 E9FBF3

 FFFBFE

Harmonies

Analogous

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



AEEF54



20FB95



00FE2

Triad

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



20FB95



18E2FF



FFA28D

Complementary

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



20FB95



FB2086

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.



FF94D6



20FB95



E9C4FF

Square

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



20FB95



00F5FF



FFA4FF



FFBF52

Rectangle

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



20FB95



00FFFF



FFA4FF



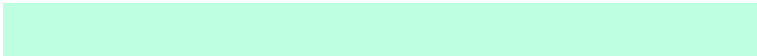
FF9AA5

Sweetspot

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



20FB95



BDFFE0



86FB20



58806D



000000



808080

Same Dimension

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



20FB95



00FF88



20F4FB



707D77



00BD65



003D21

Inverse Universe

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



FB2086



FF0077



FB2720



7D7076



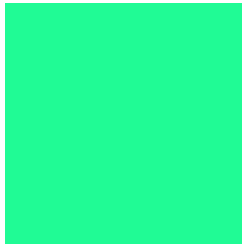
BD0058



3D001D

Previews

White Background



This preview shows how the Hex color 20FB95 looks on a white background.

Color Contrast Check

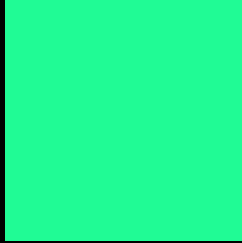
Large Text (above 18pt) WCAG AA × Fail

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 20FB95 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 20FB95 Background



This preview shows how black text looks on a background with the Hex color 20FB95.

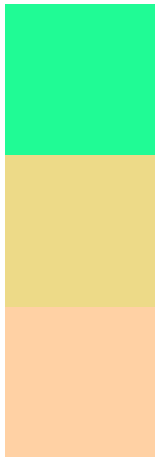


This preview shows how white text looks on a background with the Hex color 20FB95.

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](#).

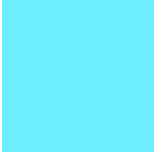
Dichromacy



Original Color
20FB95

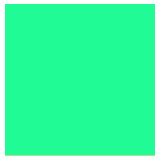
Protanopia
EDDA88

Deuteranopia
FFD1A4



Tritanopia
6EEDFF

Trichromacy



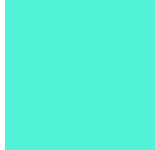
Original Color
20FB95



Protanomaly
A2E68D



Deuteranomaly
AEE09F

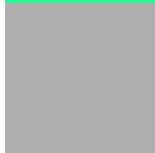


Tritanomaly
52F2D8

Monochromacy



Original Color
20FB95



Achromatopsia
AEAEAE



Achromatomaly
7ACAA5

CSS Examples

Text

The CSS property to change the color of the text to Hex 20FB95 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 #20FB95 looks like.

```
.text, #text, p{  
    color:#20FB95  
}
```

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 #20FB95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20FB95
}
```

Border

The CSS property to change the border of an element to Hex 20FB95 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
#20FB95 }
```

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

```
.border{ border-color:#20FB95 }
```

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

Here you see how a box with a 4 pixel #20FB95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20FB95; -webkit-box-shadow:4px 4px  
4px 4px #20FB95; box-shadow:4px 4px 4px  
4px #20FB95 }
```

Background

The CSS property to change the background color of an element to Hex 20FB95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20FB95 }
```

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

```
.background{ background-color:#20FB95 }
```

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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