

# Converting Colors

Hex(20FF95)

Have a look what the booklet for  
Hex(20FF95) contains.

<b>Hex(20FF95)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(20FF95)**

# Conversions

## Conversions Part 1

Format	Color
Hex	20FF95
RGB	32, 255, 149
RGB Percent	13%, 100%, 58%
CMY	0.8745, 0.0000, 0.4157
CMYK	0.87, 0.00, 0.42, 0.00
HSL	151°, 100%, 56%
HSV	151°, 87%, 100%
XYZ	41.7805, 73.9970, 40.5146
YIQ	176.2390, -98.8820, -80.2420

# Conversions

## Conversions Part 2

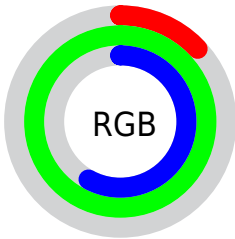
<b>Format</b>	<b>Color</b>
<b>RYB</b>	32, 178, 255
Decimal	2162581
CIELab	88.92, -72.07, 37.05
CIELCh	89, 81.037, 152.796
Yxy	73.9970, 0.2673, 0.4735
Android (android.graphics.Color)	4280352661 (0xFF20FF95)
YUV	176.2390, -13.4288, -126.4976
Hunter-Lab	86.0215, -63.8405, 32.2905

# Details

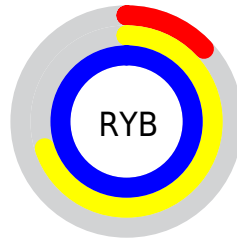
The Hex color **20FF95** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle washed spring green. A complement of this color would be **FF208A**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **7AFFCC**, and **00C561** is the 20% darker color. If you saturate the color by 10%, you get **07FF89**, and if you desaturate by 10%, it is **39FFA1**.

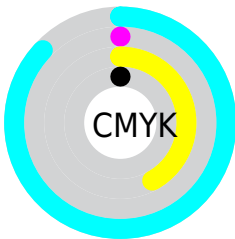
# Distribution



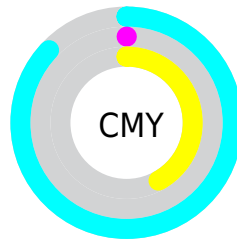
- Red (13%)
- Green (100%)
- Blue (58%)



- Red (13%)
- Yellow (70%)
- Blue (100%)



- Cyan (87%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)



- Cyan (87%)
- Magenta (0%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 20FF95 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 20FF95 by changing the saturation by 10% instead.



 20FF95

FFFFFF

 7AFFCC

 9CFFE9

 BDFFFF

 DDFFFF

 FDFFFF

 20FF95

 00E27B

 00C561

 00A848

 008D2F

 007216

 005700

 003E00

 002500

 000000

 20FF95

 20FF95

 07FF89

 39FFA1

 00FF86

 53FFAD

 6CFFB9

 86FFC5

 A0FFD2

 B9FFDE

 D3FFE8

 ECFFF6

FFFFFF

# Harmonies

## Analogous

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



B2F352



20FF95



00FE4

# Triad

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



20FF95



00E6FF



FFA390

# Complementary

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



20FF95



FF208A

# 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.



FF95DB



20FF95



EAC8FF

# Square

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



20FF95



00FAFF



FFA7FF



FFC152

# Rectangle

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



20FF95



00FFFF



FFA7FF



FF9BA8

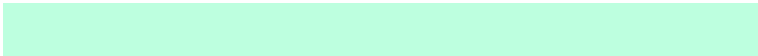


# Sweetspot

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



20FF95



BDFDFD



8CFF20



58806D



000000



808080



# Same Dimension

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



20FF95



00FF86



20FBFF



738079



00BF64



004021



# Inverse Universe

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



FF208A



FF0079



FF2420



807379



BF005B

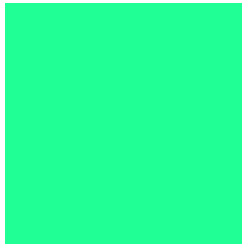


40001E



# Previews

## White Background



This preview shows how the Hex color 20FF95 looks on a white background.

## Color Contrast Check

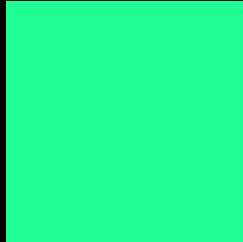
Large Text (above 18pt) WCAG AA × Fail

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 20FF95 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

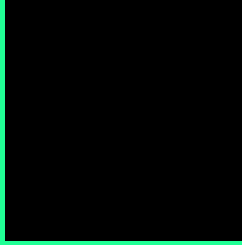
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 20FF95 Background



This preview shows how black text looks on a background with the Hex color 20FF95.

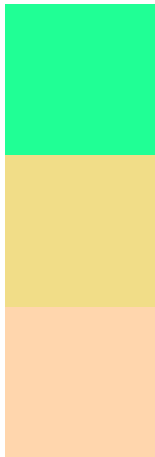


This preview shows how white text looks on a background with the Hex color 20FF95.

# 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](#).

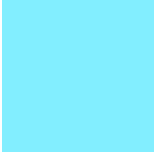
## Dichromacy



**Original Color**  
20FF95

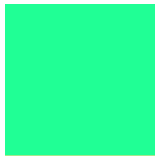
**Protanopia**  
F1DD88

**Deuteranopia**  
FFD6AD



**Tritanopia**  
82EEFF

# Trichromacy



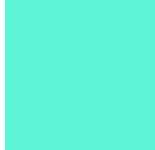
**Original Color**  
20FF95



**Protanomaly**  
A5E98D



**Deuteranomaly**  
AEE5A4



**Tritanomaly**  
5EF4D8

# Monochromacy



**Original Color**  
20FF95



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
7CCDA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 20FF95 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 #20FF95 looks like.

```
.text, #text, p{  
    color:#20FF95  
}
```

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 #20FF95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20FF95
}
```

## Border

The CSS property to change the border of an element to Hex 20FF95 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
#20FF95 }
```

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

```
.border{ border-color:#20FF95 }
```

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

Here you see how a box with a 4 pixel #20FF95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20FF95; -webkit-box-shadow:4px 4px  
4px 4px #20FF95; box-shadow:4px 4px 4px  
4px #20FF95 }
```

# Background

The CSS property to change the background color of an element to Hex 20FF95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20FF95 }
```

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

```
.background{ background-color:#20FF95 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor