

Converting Colors

Hex(20DF9F)

Have a look what the booklet for
Hex(20DF9F) contains.

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Color

Hex(20DF9F)

Conversions

Conversions Part 1

Format	Color
Hex	20DF9F
RGB	32, 223, 159
RGB Percent	13%, 87%, 62%
CMY	0.8745, 0.1255, 0.3765
CMYK	0.86, 0.00, 0.29, 0.13
HSL	160°, 75%, 50%
HSV	160°, 86%, 87%
XYZ	33.2413, 55.5856, 41.7780
YIQ	158.5950, -93.2920, -60.3960

Conversions

Conversions Part 2

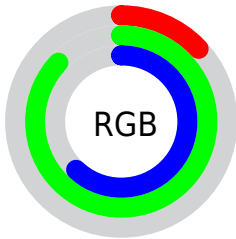
Format	Color
R_{YB}	32, 147, 223
Decimal	2154399
CIE _{Lab}	79.38, -58.83, 19.11
CIE _{LCh}	79, 61.860, 162.003
Yxy	55.5856, 0.2545, 0.4256
Android (android.graphics.Color)	4280344479 (0xFF20DF9F)
YUV	158.5950, 0.1997, -111.0238
Hunter-Lab	74.5558, -50.8868, 18.9654

Details

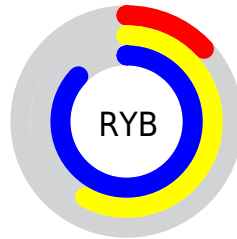
The Hex color **20DF9F** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **DF2060**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **73FFD6**, and **00A66B** is the 20% darker color. If you saturate the color by 10%, you get **0ADF98**, and if you desaturate by 10%, it is **36DFA6**.

Distribution



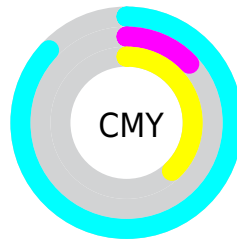
- Red (13%)
- Green (87%)
- Blue (62%)



- Red (13%)
- Yellow (58%)
- Blue (87%)



- Cyan (86%)
- Magenta (0%)
- Yellow (29%)
- Black (13%)



- Cyan (87%)
- Magenta (13%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20DF9F 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 20DF9F by changing the saturation by 10% instead.

 20DF9F

 20DF9F

FFFFFF

 00C285

 73FFD6

 00A66B

 93FFF2

 008B53

 B3FFFF

 00713B

 D2FFFF

 005725

 F1FFFF

 003E10

 002600

 000000

 20DF9F

 20DF9F

 0ADF98

 36DFA6

 00DF94

 4DDFAE

 63DFB5

 79DFBD

 90DFC4

 A6DFCC

 BCDFD3

 D2DFDB

 E9DFE2

Harmonies

Analogous

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



90D76B



20DF9F



00E1DB

Triad

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



20DF9F



89C3FF



FFA07A

Complementary

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



20DF9F



DF2060

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.



FF92B0



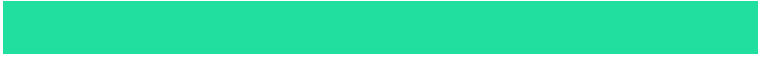
20DF9F



E7ACFF

Square

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



20DF9F



00D4FF



FF98EA



FFB555

Rectangle

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



20DF9F



00E0FF



FF98EA



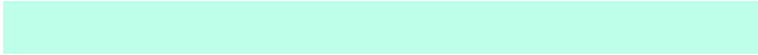
FF9A8B

Sweetspot

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



20DF9F



BDFFE9



63DF20



588072



000000



808080

Same Dimension

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



20DF9F



00FFAA



20C2DF



65706C



00B075



003020

Inverse Universe

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



DF2060



FF0055



DF3D20



706569



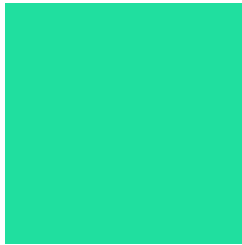
B0003B



300010

Previews

White Background



This preview shows how the Hex color 20DF9F 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 20DF9F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

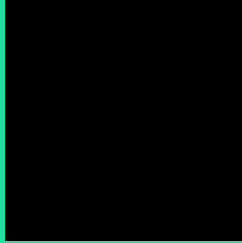
Any Text WCAG AA ✓ Pass

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 20DF9F Background



This preview shows how black text looks on a background with the Hex color 20DF9F.

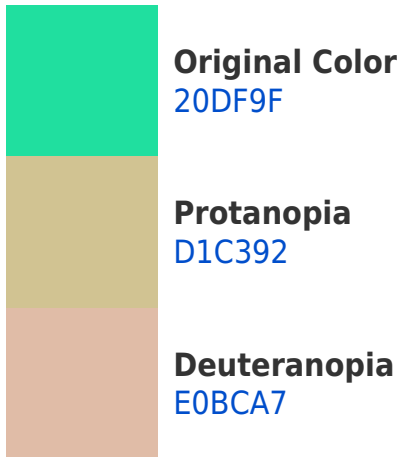


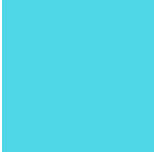
This preview shows how white text looks on a background with the Hex color 20DF9F.

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





Tritanopia
4FD6E7

Trichromacy



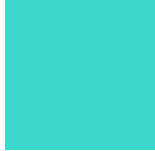
Original Color
20DF9F



Protanomaly
91CD97



Deuteranomaly
9AC9A4

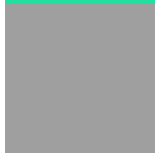


Tritanomaly
3ED9CD

Monochromacy



Original Color
20DF9F



Achromatopsia
9F9F9F



Achromatomaly
71B69F

CSS Examples

Text

The CSS property to change the color of the text to Hex 20DF9F 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 #20DF9F looks like.

```
.text, #text, p{  
    color:#20DF9F  
}
```

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 #20DF9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20DF9F
}
```

Border

The CSS property to change the border of an element to Hex 20DF9F 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
#20DF9F }
```

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

```
.border{ border-color:#20DF9F }
```

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

Here you see how a box with a 4 pixel #20DF9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20DF9F; -webkit-box-shadow:4px 4px  
4px 4px #20DF9F; box-shadow:4px 4px 4px  
4px #20DF9F }
```

Background

The CSS property to change the background color of an element to Hex 20DF9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20DF9F }
```

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

```
.background{ background-color:#20DF9F }
```

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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