

# Converting Colors

Hex(20EB9C)

Have a look what the booklet for  
Hex(20EB9C) contains.

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# **Color**

**Hex(20EB9C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	20EB9C
RGB	32, 235, 156
RGB Percent	13%, 92%, 61%
CMY	0.8745, 0.0784, 0.3882
CMYK	0.86, 0.00, 0.34, 0.08
HSL	157°, 84%, 52%
HSV	157°, 86%, 92%
XYZ	36.3047, 62.1240, 41.5302
YIQ	165.2970, -95.6290, -67.6050

# Conversions

## Conversions Part 2

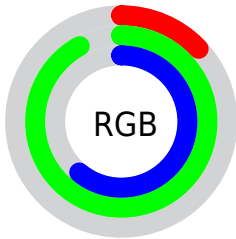
Format	Color
<b>RYB</b>	32, 158, 235
Decimal	2157468
CIELab	82.98, -63.85, 25.61
CIELCh	83, 68.798, 158.145
Yxy	62.1240, 0.2594, 0.4439
Android (android.graphics.Color)	4280347548 (0xFF20EB9C)
YUV	165.2970, -4.5834, -116.9015
Hunter-Lab	78.8188, -55.7140, 23.9329

# Details

The Hex color **20EB9C** 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 **EB206F**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **75FFD3**, and **00B268** is the 20% darker color. If you saturate the color by 10%, you get **08EB93**, and if you desaturate by 10%, it is **37EBA5**.

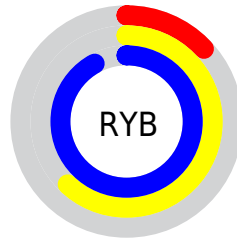
# Distribution



Red (13%)

Green (92%)

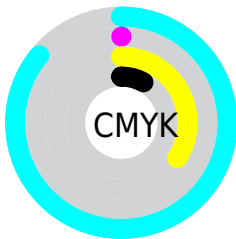
Blue (61%)



Red (13%)

Yellow (62%)

Blue (92%)

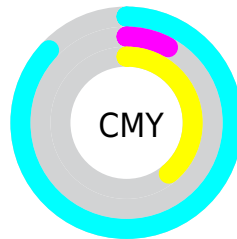


Cyan (86%)

Magenta (0%)

Yellow (34%)

Black (8%)



Cyan (87%)

Magenta (8%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 20EB9C 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 20EB9C by changing the saturation by 10% instead.



 20EB9C

 20EB9C

FFFFFF

 00CE82

 75FFD3

 00B268

 96FFEF

 009650

 B6FFFF

 007B38

 D6FFFF

 006121

 F5FFFF

 00470A

 003000

 001200

 000000

 20EB9C

 20EB9C

 08EB93

 37EBA5

 00EB90

 4FEBAE

 66EBB7

 7EEBC1

 95EBCA

 ADEBD3

 C4EBDC

 DCEBE5

 F3EBEE

# Harmonies

## Analogous

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



9CE163



20EB9C



00EEDF

# Triad

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



20EB9C



72D0FF



FFA182

# Complementary

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



20EB9C



EB206F

# 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.



FF94BF



20EB9C



E9B6FF

# Square

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



20EB9C



00E2FF



FF9DFF



FFBA54

# Rectangle

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



20EB9C



00EEFF



FF9DFF



FF9B95

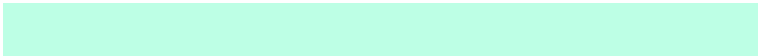


# Sweetspot

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



20EB9C



BDFFE5



71EB20



588070



000000



808080



# Same Dimension

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



20EB9C



00FF9C



20D7EB



6A7571



00B56F



003621



# Inverse Universe

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



EB206F



FF0063



EB3420



756A6E



B50046

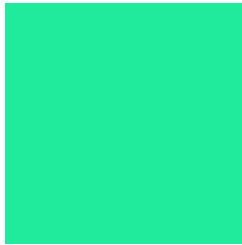


360015



# Previews

## White Background



This preview shows how the Hex color 20EB9C looks on a white background.

## Color Contrast Check

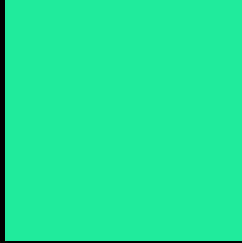
Large Text (above 18pt) WCAG AA × Fail

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 20EB9C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

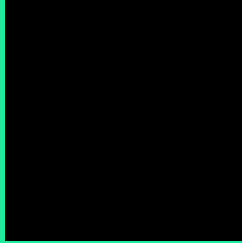
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 20EB9C Background



This preview shows how black text looks on a background with the Hex color 20EB9C.

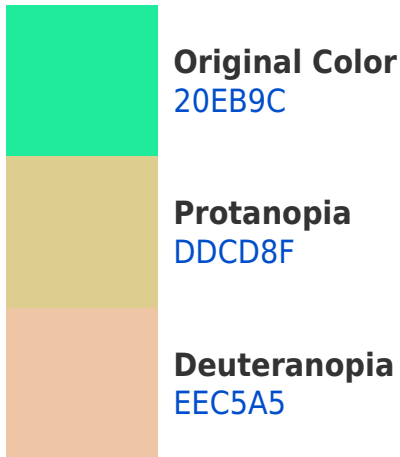


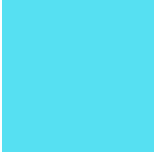
This preview shows how white text looks on a background with the Hex color 20EB9C.

# 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**  
56E0F2

# Trichromacy



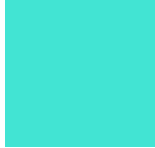
**Original Color**  
20EB9C



**Protanomaly**  
98D894



**Deuteranomaly**  
A3D3A2



**Tritanomaly**  
42E4D3

# Monochromacy



**Original Color**  
20EB9C



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
75BEA2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 20EB9C 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 #20EB9C looks like.

```
.text, #text, p{  
    color:#20EB9C  
}
```

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 #20EB9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20EB9C
}
```

## Border

The CSS property to change the border of an element to Hex 20EB9C 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
#20EB9C }
```

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

```
.border{ border-color:#20EB9C }
```

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

Here you see how a box with a 4 pixel #20EB9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20EB9C; -webkit-box-shadow:4px 4px  
4px 4px #20EB9C; box-shadow:4px 4px 4px  
4px #20EB9C }
```

# Background

The CSS property to change the background color of an element to Hex 20EB9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20EB9C }
```

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

```
.background{ background-color:#20EB9C }
```

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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