

# Converting Colors

Hex(20E2B9)

Have a look what the booklet for  
Hex(20E2B9) contains.

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# Color

Hex(20E2B9)

# Conversions

## Conversions Part 1

Format	Color
Hex	20E2B9
RGB	32, 226, 185
RGB Percent	13%, 89%, 73%
CMY	0.8745, 0.1137, 0.2745
CMYK	0.86, 0.00, 0.18, 0.11
HSL	167°, 77%, 51%
HSV	167°, 86%, 89%
XYZ	36.5490, 58.2026, 55.2068
YIQ	163.3200, -102.4630, -53.8790

# Conversions

## Conversions Part 2

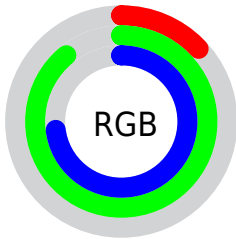
<b>Format</b>	<b>Color</b>
<b>RYB</b>	32, 140, 226
Decimal	2155193
CIELab	80.85, -53.87, 7.50
CIELCh	81, 54.390, 172.069
Yxy	58.2026, 0.2437, 0.3881
Android (android.graphics.Color)	4280345273 (0xFF20E2B9)
YUV	163.3200, 10.6882, -115.1676
Hunter-Lab	76.2906, -47.9936, 10.4989

# Details

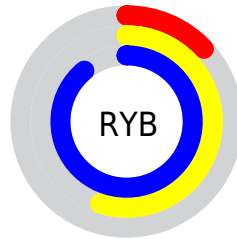
The Hex color **20E2B9** is a light color, and the websafe version is hex **00CC99**. The color can be described as light washed spring green. A complement of this color would be **E22049**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **74FFF1**, and **00A984** is the 20% darker color. If you saturate the color by 10%, you get **09E2B4**, and if you desaturate by 10%, it is **37E2BE**.

# Distribution



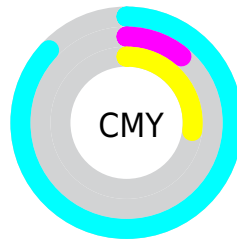
- Red (13%)
- Green (89%)
- Blue (73%)



- Red (13%)
- Yellow (55%)
- Blue (89%)



- Cyan (86%)
- Magenta (0%)
- Yellow (18%)
- Black (11%)



- Cyan (87%)
- Magenta (11%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 20E2B9 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 20E2B9 by changing the saturation by 10% instead.



 20E2B9

 20E2B9

FFFFFF

 00C59E

 74FFF1

 00A984

 95FFFF

 008E6B

 B5FFFF

 007453

 D4FFFF

 005A3C

 F4FFFF

 004126

 002A11

 000600

 000000

 20E2B9

 20E2B9

 09E2B4

 37E2BE

 00E2B2

 4DE2C3

 64E2C7

 7AE2CC

 91E2D1

 A8E2D6

 BEE2DA

 D5E2DF

 EBE2E4

# Harmonies

## Analogous

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



86DC88



20E2B9



00E3ED

# Triad

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



20E2B9



B8C1FF



FFAF7A

# Complementary

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



20E2B9



E22049

# 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.



FFA1A5



20E2B9



FBADFF

# Square

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



20E2B9



4CD2FF



FFA0D8



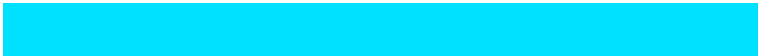
F3C162

# Rectangle

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



20E2B9



00E0FF



FFA0D8

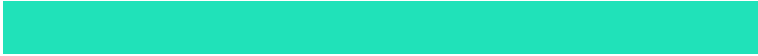


FFA987

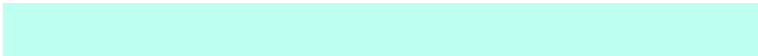


# Sweetspot

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



20E2B9



BDFFF1



4AE220



588077



000000



808080



# Same Dimension

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



20E2B9



00FFC9



20ABE2



65706E



00B08B



003026



# Inverse Universe

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



E22049



FF0036



E25720



706567



B00025

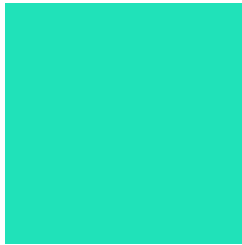


30000A



# Previews

## White Background



This preview shows how the Hex color 20E2B9 looks on a white background.

## Color Contrast Check

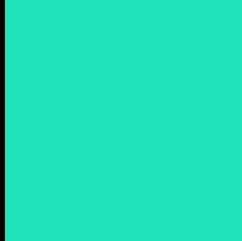
Large Text (above 18pt) WCAG AA × Fail

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 20E2B9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

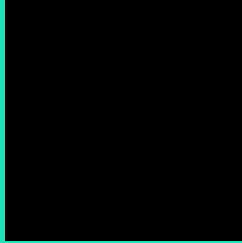
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

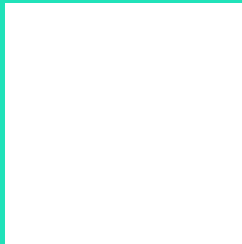
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 20E2B9 Background



This preview shows how black text looks on a background with the Hex color 20E2B9.

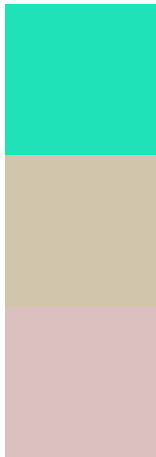


This preview shows how white text looks on a background with the Hex color 20E2B9.

# 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](#).

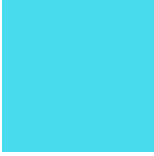
## Dichromacy



**Original Color**  
20E2B9

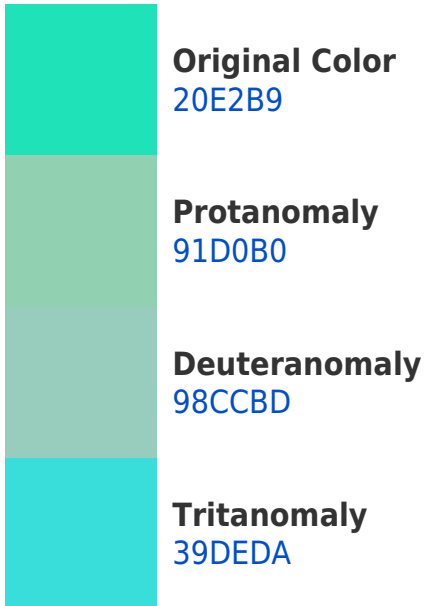
**Protanopia**  
D1C6AB

**Deuteranopia**  
DCC0C0

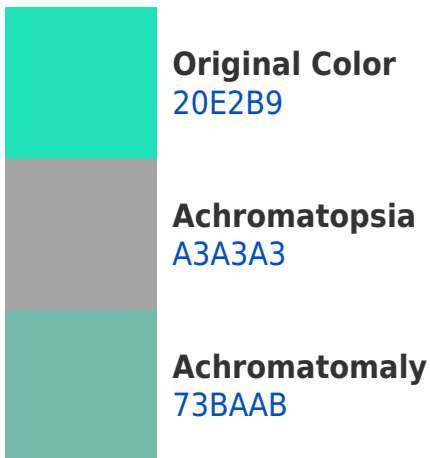


**Tritanopia**  
48DBED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 20E2B9 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 #20E2B9 looks like.

```
.text, #text, p{  
    color:#20E2B9  
}
```

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 #20E2B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20E2B9
}
```

## Border

The CSS property to change the border of an element to Hex 20E2B9 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
#20E2B9 }
```

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

```
.border{ border-color:#20E2B9 }
```

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

Here you see how a box with a 4 pixel #20E2B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20E2B9; -webkit-box-shadow:4px 4px  
4px 4px #20E2B9; box-shadow:4px 4px 4px  
4px #20E2B9 }
```

# Background

The CSS property to change the background color of an element to Hex 20E2B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20E2B9 }
```

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

```
.background{ background-color:#20E2B9 }
```

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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