

# Converting Colors

Hex(20FCE8)

Have a look what the booklet for  
Hex(20FCE8) contains.

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# Color

Hex(20FCE8)

# Conversions

## Conversions Part 1

Format	Color
Hex	20FCE8
RGB	32, 252, 232
RGB Percent	13%, 99%, 91%
CMY	0.8745, 0.0118, 0.0902
CMYK	0.87, 0.00, 0.08, 0.01
HSL	175°, 97%, 56%
HSV	175°, 87%, 99%
XYZ	49.9716, 75.7541, 88.3322
YIQ	183.9400, -124.7000, -52.8600

# Conversions

## Conversions Part 2

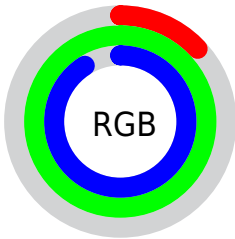
<b>Format</b>	<b>Color</b>
<b>RYB</b>	32, 147, 252
Decimal	2161896
CIELab	89.75, -52.25, -4.21
CIELCh	90, 52.416, 184.608
Yxy	75.7541, 0.2334, 0.3539
Android (android.graphics.Color)	4280351976 (0xFF20FCE8)
YUV	183.9400, 23.6936, -133.2514
Hunter-Lab	87.0368, -49.8300, 0.7534

# Details

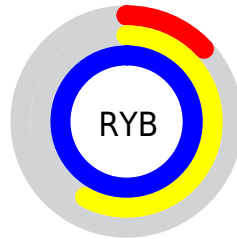
The Hex color **20FCE8** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **FC2034**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **7DFFFF**, and **00C2B0** is the 20% darker color. If you saturate the color by 10%, you get **07FCE6**, and if you desaturate by 10%, it is **39FCEA**.

# Distribution



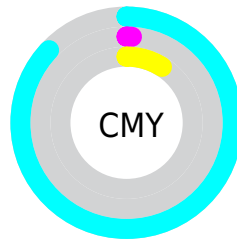
- Red (13%)
- Green (99%)
- Blue (91%)



- Red (13%)
- Yellow (58%)
- Blue (99%)



- Cyan (87%)
- Magenta (0%)
- Yellow (8%)
- Black (1%)



- Cyan (87%)
- Magenta (1%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 20FCE8 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 20FCE8 by changing the saturation by 10% instead.



 20FCE8

 20FCE8

FFFFFF

 00DFCC

 7DFFFF

 00C2B0

 9FFFFFF

 00A796

 C0FFFF

 008B7C

 E0FFFF

 007163

 00574B

 003E35

 002820

 000009

 20FCE8

 20FCE8

 07FCE6

 39FCEA

 00FCE5

 52FCED

 6CFCEF

 85FCF1

 9EFCF3

 B7FCF6

 D0FCF8

 EAFCEFA

 FFFCFD

# Harmonies

## Analogous

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



86F8B5



20FCE8



00FAFF

# Triad

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



20FCE8



F1D2FF



FFD088

# Complementary

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



20FCE8



FC2034

# 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.



FFC0AB



20FCE8



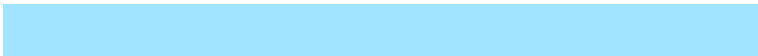
FFC1FF

# Square

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



20FCE8



A1E4FF



FFB9DC



FAE17C

# Rectangle

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



20FCE8



00F6FF



FFB9DC



FFCA92

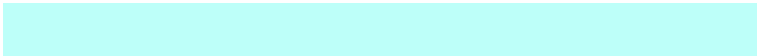


# Sweetspot

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



20FCE8



BDFFF9



36FC20



58807C



000000



808080



# Same Dimension

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



20FCE8



00FFE8



20A4FC



707D7C



00BDAC



003D38



# Inverse Universe

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



FC2034



FF0017



FC7820



7D7072



BD0011

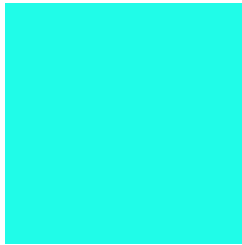


3D0006



# Previews

## White Background



This preview shows how the Hex color 20FCE8 looks on a white background.

## Color Contrast Check

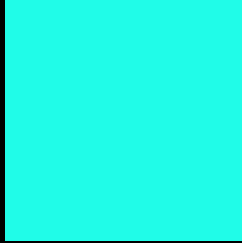
Large Text (above 18pt) WCAG AA × Fail

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 20FCE8 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 20FCE8 Background



This preview shows how black text looks on a background with the Hex color 20FCE8.

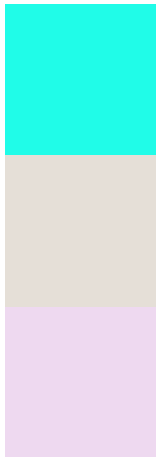


This preview shows how white text looks on a background with the Hex color 20FCE8.

# 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](#).

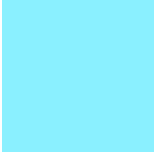
## Dichromacy



**Original Color**  
20FCE8

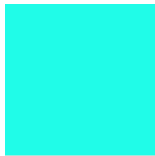
**Protanopia**  
E5DFD7

**Deuteranopia**  
EED9F0

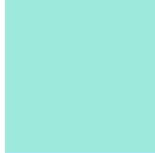


**Tritanopia**  
8AF0FF

# Trichromacy



**Original Color**  
20FCE8



**Protanomaly**  
9DEADD



**Deuteranomaly**  
A3E6ED

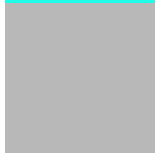


**Tritanomaly**  
63F4F7

# Monochromacy



**Original Color**  
20FCE8



**Achromatopsia**  
B8B8B8



**Achromatomaly**  
81D1C9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 20FCE8 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 #20FCE8 looks like.

```
.text, #text, p{  
    color:#20FCE8  
}
```

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 #20FCE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20FCE8  
}
```

## Border

The CSS property to change the border of an element to Hex 20FCE8 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  
#20FCE8 }
```

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

```
.border{ border-color:#20FCE8 }
```

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

Here you see how a box with a 4 pixel #20FCE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20FCE8; -webkit-box-shadow:4px 4px  
4px 4px #20FCE8; box-shadow:4px 4px 4px  
4px #20FCE8 }
```

# Background

The CSS property to change the background color of an element to Hex 20FCE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20FCE8 }
```

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

```
.background{ background-color:#20FCE8 }
```

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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