

# Converting Colors

Hex(20FFE5)

Have a look what the booklet for  
Hex(20FFE5) contains.

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# **Color**

**Hex(20FFE5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	20FFE5
RGB	32, 255, 229
RGB Percent	13%, 100%, 90%
CMY	0.8745, 0.0000, 0.1020
CMYK	0.87, 0.00, 0.10, 0.00
HSL	173°, 100%, 56%
HSV	173°, 87%, 100%
XYZ	50.4985, 77.4842, 86.4231
YIQ	185.3590, -124.5620, -55.3620

# Conversions

## Conversions Part 2

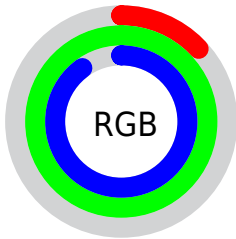
Format	Color
R <sub>Y</sub> B	32, 150, 255
Decimal	2162661
CIE Lab	90.54, -54.28, -1.48
CIE LCh	91, 54.297, 181.562
Yxy	77.4842, 0.2355, 0.3614
Android (android.graphics.Color)	4280352741 (0xFF20FFE5)
YUV	185.3590, 21.5150, -134.4958
Hunter-Lab	88.0251, -51.6415, 3.4066

# Details

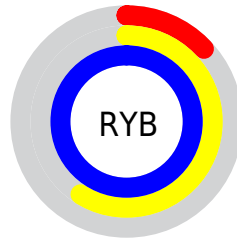
The Hex color **20FFE5** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF203A**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **7DFFFF**, and **00C5AE** is the 20% darker color. If you saturate the color by 10%, you get **07FFE2**, and if you desaturate by 10%, it is **39FFE8**.

# Distribution



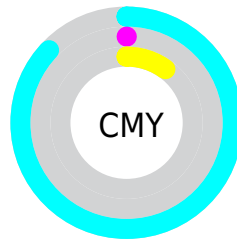
- Red (13%)
- Green (100%)
- Blue (90%)



- Red (13%)
- Yellow (59%)
- Blue (100%)



- Cyan (87%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (87%)
- Magenta (0%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 20FFE5 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 20FFE5 by changing the saturation by 10% instead.



 20FFE5

 20FFE5

FFFFFF

 00E2C9

 7DFFFF

 00C5AE

 9FFFFFFF

 00A993

 C0FFFF

 008E79

 E1FFFF

 007361

 005A49

 004033

 002A1E

 000405

 20FFE5

 20FFE5

 07FFE2

 39FFE8

 00FFE1

 53FFEB

 6CFFEE

 86FFF1

 A0FFF4

 B9FFF7

 D3FFFA

 ECFFFD

FFFFFF

# Harmonies

## Analogous

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



8BFBB1



20FFE5



00FEFF

# Triad

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



20FFE5



ECD5FF



FFCF89

# Complementary

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



20FFE5



FF203A

# 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.



FFBFB0



20FFE5



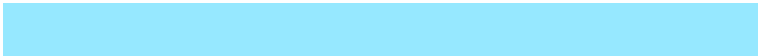
FFC3FF

# Square

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



20FFE5



96E8FF



FFBAE3



FFE27A

# Rectangle

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



20FFE5



00F9FF



FFBAE3



FFC994

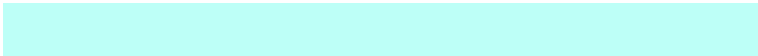


# Sweetspot

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



20FFE5



BDFFF7



3AFF20



58807B



000000



808080



# Same Dimension

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



20FFE5



00FFE1



20AAFF



73807E



00BFA9



004038



# Inverse Universe

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



FF203A



FF001E



FF7520



807374



BF0016

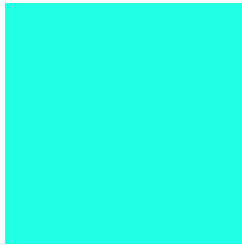


400007



# Previews

## White Background



This preview shows how the Hex color 20FFE5 looks on a white background.

## Color Contrast Check

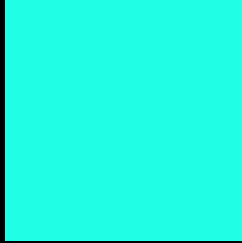
Large Text (above 18pt) WCAG AA × Fail

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 20FFE5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

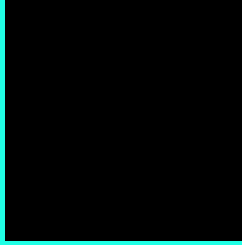
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

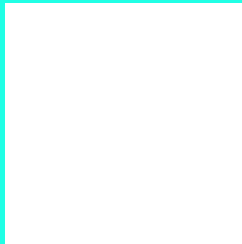
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 20FFE5 Background



This preview shows how black text looks on a background with the Hex color 20FFE5.



This preview shows how white text looks on a background with the Hex color 20FFE5.

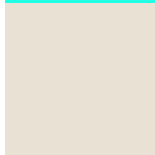
# Color Blindness Simulation

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](#).

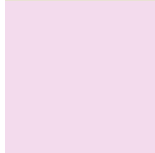
## Dichromacy



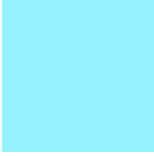
**Original Color**  
20FFE5



**Protanopia**  
E9E1D4

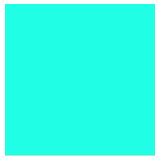


**Deuteranopia**  
F3DBED

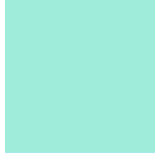


**Tritanopia**  
96F1FF

# Trichromacy



**Original Color**  
20FFE5



**Protanomaly**  
A0ECDA



**Deuteranomaly**  
A6E8EA

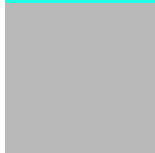


**Tritanomaly**  
6BF6F6

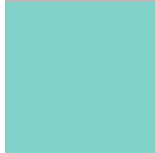
# Monochromacy



**Original Color**  
20FFE5



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
81D2C9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 20FFE5 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 #20FFE5 looks like.

```
.text, #text, p{  
    color:#20FFE5  
}
```

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 #20FFE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20FFE5  
}
```

## Border

The CSS property to change the border of an element to Hex 20FFE5 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  
#20FFE5 }
```

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

```
.border{ border-color:#20FFE5 }
```

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

Here you see how a box with a 4 pixel #20FFE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20FFE5; -webkit-box-shadow:4px 4px  
4px 4px #20FFE5; box-shadow:4px 4px 4px  
4px #20FFE5 }
```

# Background

The CSS property to change the background color of an element to Hex 20FFE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20FFE5 }
```

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

```
.background{ background-color:#20FFE5 }
```

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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