

Converting Colors

RGB(0, 254, 226)

Have a look what the booklet for
RGB(0, 254, 226) contains.

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Color

RGB(0, 254, 226)

Conversions

Conversions Part 1

Format	Color
Hex	00FEE2
RGB	0, 254, 226
RGB Percent	0%, 100%, 89%
CMY	1.0000, 0.0039, 0.1137
CMYK	1.00, 0.00, 0.11, 0.00
HSL	173°, 100%, 50%
HSV	173°, 100%, 100%
XYZ	49.1693, 76.3746, 84.1018
YIQ	174.8620, -142.3960, -62.5560

Conversions

Conversions Part 2

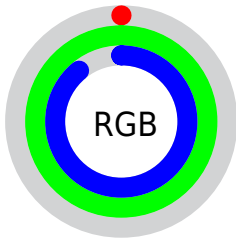
Format	Color
RYB	0, 134, 254
Decimal	65250
CIELab	90.03, -55.66, -0.69
CIELCh	90, 55.664, 180.709
Yxy	76.3746, 0.2345, 0.3643
Android (android.graphics.Color)	4278255330 (0xFF00FEE2)
YUV	174.8620, 25.2110, -153.3540
Hunter-Lab	87.3926, -52.5084, 4.1174

Details

The RGB color **0, 254, 226** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **254, 0, 28**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **118, 255, 255**, and **0, 196, 171** is the 20% darker color. If you saturate the color by 10%, you get **0, 254, 226**, and if you desaturate by 10%, it is **25, 254, 229**.

Distribution



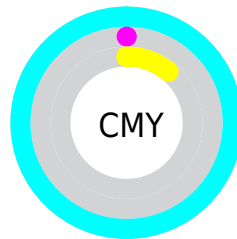
- Red (0%)
- Green (100%)
- Blue (89%)



- Red (0%)
- Yellow (53%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)




















- Cyan (100%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 254, 226 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 RGB color 0, 254, 226 by changing the saturation by 10% instead.

 0, 254, 226	 0, 254, 226
 255, 255, 255	 0, 225, 198
 118, 255, 255	 0, 196, 171
 153, 255, 255	 0, 168, 144
 187, 255, 255	 0, 141, 119
 220, 255, 255	 0, 114, 94
 252, 255, 255	 0, 88, 71
	 0, 63, 48
	 0, 41, 28
	 0, 0, 2

 0, 254, 226

 25, 254, 229

 51, 254, 232

 76, 254, 234

 102, 254, 237

 127, 254, 240

 152, 254, 243

 178, 254, 246

 203, 254, 248

 229, 254, 251

Harmonies

Analogous

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



137, 250, 172



0, 254, 226



0, 253, 255

Triad

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



0, 254, 226



233, 212, 255



255, 205, 135

Complementary

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



0, 254, 226



254, 0, 28

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.



255, 188, 175



0, 254, 226



255, 193, 255

Square

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



0, 254, 226



142, 231, 255



255, 183, 227



255, 224, 118

Rectangle

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



0, 254, 226



0, 249, 255



255, 183, 227



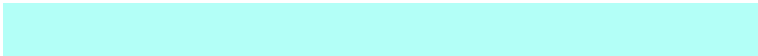
255, 199, 146

Sweetspot

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



0, 254, 226



179, 255, 247



30, 254, 0



82, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



0, 254, 226



0, 255, 227



0, 157, 254



115, 128, 126



0, 191, 170



0, 64, 57

Inverse Universe

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



254, 0, 28



255, 0, 28



254, 97, 0



128, 115, 116



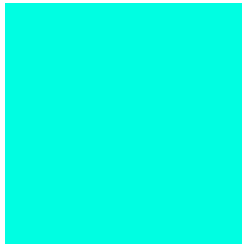
191, 0, 21



64, 0, 7

Previews

White Background



This preview shows how the RGB color 0, 254, 226 looks on a white background.

Color Contrast Check

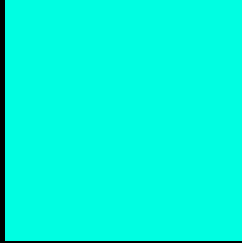
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 0, 254, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

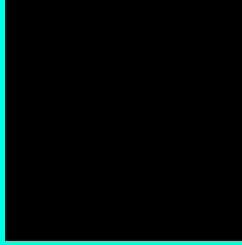
Any Text WCAG AA ✓ Pass

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](#).

RGB 0, 254, 226 Background



This preview shows how black text looks on a background with the RGB color 0, 254, 226.



This preview shows how white text looks on a background with the RGB color 0, 254, 226.

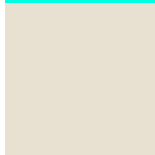
Color Blindness Simulation

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](#).

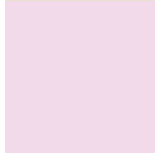
Dichromacy



Original Color
0, 254, 226



Protanopia
232, 224, 209

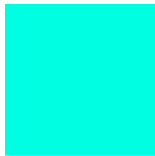


Deuteranopia
242, 218, 234



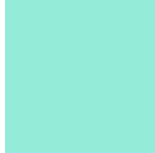
Tritanopia
143, 241, 255

Trichromacy



Original Color

0, 254, 226



Protanomaly

148, 235, 215



Deuteranomaly

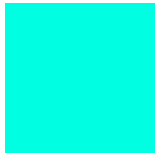
154, 231, 231



Tritanomaly

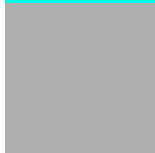
91, 246, 244

Monochromacy



Original Color

0, 254, 226



Achromatopsia

175, 175, 175



Achromatomaly

111, 204, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 254, 226 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 `rgb(0, 254, 226)` looks like.

```
.text, #text, p{  
    color:rgb(0, 254, 226)  
}
```

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 rgb(0, 254, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 254, 226) }
```

Border

The CSS property to change the border of an element to RGB 0, 254, 226 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 rgb(0, 254, 226) }
```

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

```
.border{ border-color:rgb(0, 254, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 254, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 254, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 254, 226);  
box-shadow:4px 4px 4px 4px rgb(0, 254,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 0, 254, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 254, 226) }
```

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

```
.background{ background-color: rgb(0, 254,  
226) }
```

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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