

Converting Colors

RGB(0, 250, 240)

Have a look what the booklet for
RGB(0, 250, 240) contains.

RGB(0, 250, 240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(0, 250, 240)

Conversions

Conversions Part 1

Format	Color
Hex	00FAF0
RGB	0, 250, 240
RGB Percent	0%, 98%, 94%
CMY	1.0000, 0.0196, 0.0588
CMYK	1.00, 0.00, 0.04, 0.02
HSL	178°, 100%, 49%
HSV	178°, 100%, 98%
XYZ	49.9138, 74.6625, 94.2186
YIQ	174.1100, -145.7900, -56.1100

Conversions

Conversions Part 2

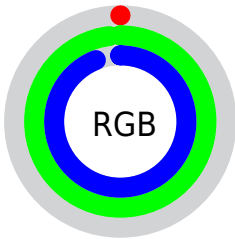
Format	Color
RYB	0, 128, 250
Decimal	64240
CIELab	89.23, -50.20, -9.15
CIELCh	89, 51.029, 190.325
Yxy	74.6625, 0.2281, 0.3412
Android (android.graphics.Color)	4278254320 (0xFF00FAF0)
YUV	174.1100, 32.4838, -152.6945
Hunter-Lab	86.4075, -48.1015, -4.1646

Details

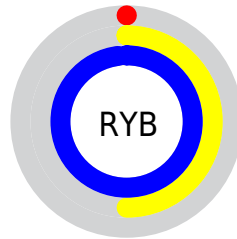
The RGB color **0, 250, 240** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **250, 0, 10**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **119, 255, 255**, and **0, 193, 184** is the 20% darker color. If you saturate the color by 10%, you get **0, 250, 240**, and if you desaturate by 10%, it is **25, 250, 241**.

Distribution



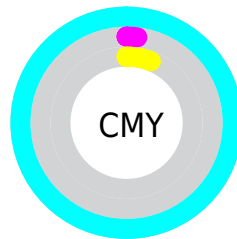
- Red (0%)
- Green (98%)
- Blue (94%)



- Red (0%)
- Yellow (50%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)




















- Cyan (100%)
- Magenta (2%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 250, 240 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, 250, 240 by changing the saturation by 10% instead.

 0, 250, 240	 0, 250, 240
 255, 255, 255	 0, 221, 212
 119, 255, 255	 0, 193, 184
 154, 255, 255	 0, 165, 157
 188, 255, 255	 0, 138, 131
 220, 255, 255	 0, 111, 106
 253, 255, 255	 0, 86, 82
	 0, 61, 59
	 0, 39, 37
	 0, 1, 17

 0, 250, 240

 25, 250, 241

 50, 250, 242

 75, 250, 243

 100, 250, 244

 125, 250, 245

 150, 250, 246

 175, 250, 247

 200, 250, 248

 225, 250, 249

Harmonies

Analogous

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



122, 247, 190



0, 250, 240



0, 247, 255

Triad

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



0, 250, 240



251, 205, 255



255, 210, 133

Complementary

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



0, 250, 240



250, 0, 10

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, 194, 163



0, 250, 240



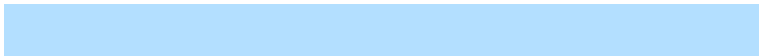
255, 190, 255

Square

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



0, 250, 240



179, 223, 255



255, 185, 209



239, 227, 126

Rectangle

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



0, 250, 240



21, 242, 255



255, 185, 209



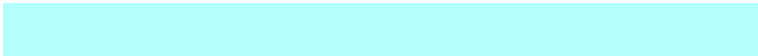
255, 204, 141

Sweetspot

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



0, 250, 240



179, 255, 252



12, 250, 0



82, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



0, 250, 240



0, 255, 245



0, 138, 250



112, 125, 124



0, 189, 181



0, 61, 59

Inverse Universe

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



250, 0, 10



255, 0, 10



250, 112, 0



125, 112, 113



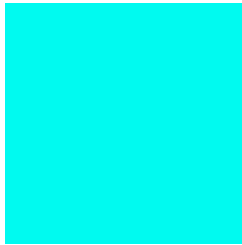
189, 0, 8



61, 0, 2

Previews

White Background



This preview shows how the RGB color 0, 250, 240 looks on a white background.

Color Contrast Check

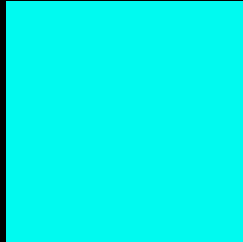
Large Text (above 18pt) WCAG AA × Fail

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, 250, 240 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, 250, 240 Background



This preview shows how black text looks on a background with the RGB color 0, 250, 240.

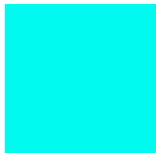


This preview shows how white text looks on a background with the RGB color 0, 250, 240.

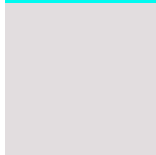
Color Blindness Simulation

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, 250, 240



Protanopia
226, 221, 223



Deuteranopia
232, 216, 247



Tritanopia

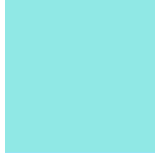
130, 240, 255

Trichromacy



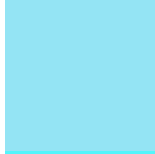
Original Color

0, 250, 240



Protanomaly

144, 232, 229



Deuteranomaly

148, 228, 244



Tritanomaly

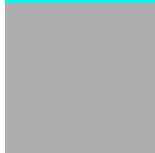
83, 244, 250

Monochromacy



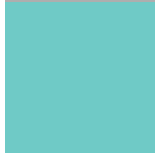
Original Color

0, 250, 240



Achromatopsia

174, 174, 174



Achromatomaly

111, 202, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 250, 240 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, 250, 240)` looks like.

```
.text, #text, p{  
    color:rgb(0, 250, 240)  
}
```

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, 250, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 250, 240) }
```

Border

The CSS property to change the border of an element to RGB 0, 250, 240 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, 250, 240) }
```

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

```
.border{ border-color:rgb(0, 250, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 250, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 250, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 250, 240);  
box-shadow:4px 4px 4px 4px rgb(0, 250,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 0, 250, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 250, 240) }
```

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

```
.background{ background-color: rgb(0, 250,  
240) }
```

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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