

Converting Colors

RGB(36, 255, 219)

Have a look what the booklet for
RGB(36, 255, 219) contains.

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Color

RGB(36, 255, 219)

Conversions

Conversions Part 1

Format	Color
Hex	24FFDB
RGB	36, 255, 219
RGB Percent	14%, 100%, 86%
CMY	0.8588, 0.0000, 0.1412
CMYK	0.86, 0.00, 0.14, 0.00
HSL	170°, 100%, 57%
HSV	170°, 86%, 100%
XYZ	49.2737, 77.0095, 79.2852
YIQ	185.4150, -118.9680, -57.6240

Conversions

Conversions Part 2

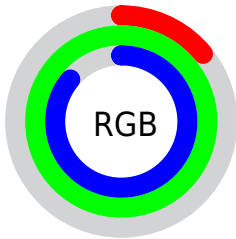
Format	Color
RYB	36, 155, 255
Decimal	2424795
CIELab	90.33, -56.64, 3.39
CIELCh	90, 56.740, 176.576
Yxy	77.0095, 0.2397, 0.3746
Android (android.graphics.Color)	4280614875 (0xFF24FFDB)
YUV	185.4150, 16.5574, -131.0370
Hunter-Lab	87.7551, -53.3451, 7.8611

Details

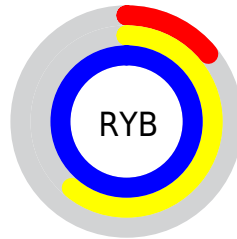
The RGB color **36, 255, 219** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **255, 36, 72**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **126, 255, 255**, and **0, 197, 164** is the 20% darker color. If you saturate the color by 10%, you get **10, 255, 215**, and if you desaturate by 10%, it is **61, 255, 223**.

Distribution



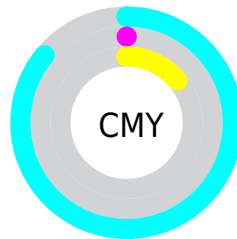
- Red (14%)
- Green (100%)
- Blue (86%)



- Red (14%)
- Yellow (61%)
- Blue (100%)



- Cyan (86%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



















- Cyan (86%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 36, 255, 219 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 36, 255, 219 by changing the saturation by 10% instead.

 36, 255, 219	 36, 255, 219
 255, 255, 255	 0, 226, 191
 126, 255, 255	 0, 197, 164
 160, 255, 255	 0, 169, 138
 192, 255, 255	 0, 142, 112
 225, 255, 255	 0, 115, 88
	 0, 89, 65
	 0, 64, 43
	 0, 41, 22
	 0, 2, 0

■ 36, 255, 219

■ 36, 255, 219

■ 10, 255, 215

■ 61, 255, 223

■ 0, 255, 213

■ 87, 255, 227

■ 112, 255, 232

■ 138, 255, 236

■ 163, 255, 240

■ 189, 255, 244

■ 214, 255, 248

■ 240, 255, 253

255, 255, 255

Harmonies

Analogous

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



146, 250, 165



36, 255, 219



0, 255, 255

Triad

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



36, 255, 219



223, 216, 255



255, 203, 138

Complementary

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



36, 255, 219



255, 36, 72

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, 187, 182



36, 255, 219



255, 195, 255

Square

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



36, 255, 219



123, 235, 255



255, 183, 236



255, 222, 117

Rectangle

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



36, 255, 219



0, 251, 255



255, 183, 236



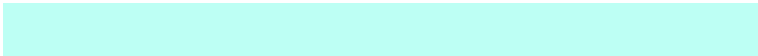
255, 196, 151

Sweetspot

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



36, 255, 219



189, 255, 244



72, 255, 36



88, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



36, 255, 219



0, 255, 213



36, 182, 255



115, 128, 125



0, 191, 160



0, 64, 53

Inverse Universe

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



255, 36, 72



255, 0, 42



255, 109, 36



128, 115, 117



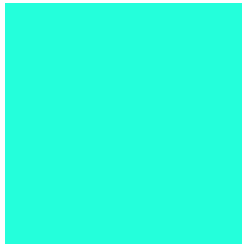
191, 0, 31



64, 0, 10

Previews

White Background



This preview shows how the RGB color 36, 255, 219 looks on a white background.

Color Contrast Check

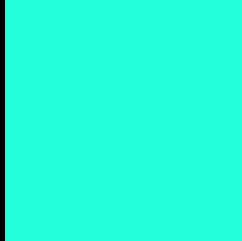
Large Text (above 18pt) WCAG AA × Fail

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 36, 255, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

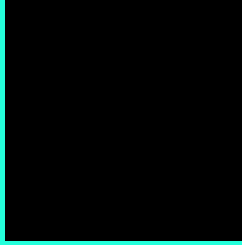
Any Text WCAG AA ✓ Pass

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 36, 255, 219 Background



This preview shows how black text looks on a background with the RGB color 36, 255, 219.



This preview shows how white text looks on a background with the RGB color 36, 255, 219.

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](#).

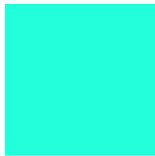
Dichromacy





Tritanopia
147, 241, 255

Trichromacy



Original Color

36, 255, 219



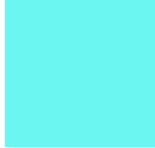
Protanomaly

162, 235, 209



Deuteranomaly

170, 231, 224



Tritanomaly

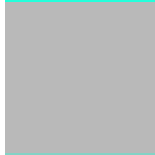
107, 246, 242

Monochromacy



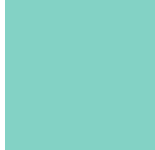
Original Color

36, 255, 219



Achromatopsia

185, 185, 185



Achromatomaly

131, 210, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 36, 255, 219 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(36, 255, 219)` looks like.

```
.text, #text, p{  
    color:rgb(36, 255, 219)  
}
```

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(36, 255, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 255, 219) }
```

Border

The CSS property to change the border of an element to RGB 36, 255, 219 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(36, 255, 219) }
```

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

```
.border{ border-color:rgb(36, 255, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 255, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 255, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 255, 219);  
box-shadow:4px 4px 4px 4px rgb(36, 255,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 36, 255, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 255, 219) }
```

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

```
.background{ background-color: rgb(36, 255,  
219) }
```

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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