

Converting Colors

`RYB(26, 252, 241)`

Have a look what the booklet for
RYB(26, 252, 241) contains.

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Color

RYB(26, 252, 241)

Conversions

Conversions Part 1	
Format	Color
Hex	25FC1A
RGB	37, 252, 26
RGB Percent	15%, 99%, 10%
CMY	0.8549, 0.0118, 0.8980
CMYK	0.85, 0.00, 0.90, 0.01
HSL	117°, 97%, 55%
HSV	117°, 90%, 99%
XYZ	35.7598, 70.0887, 12.6210
YIQ	161.9510, -55.5940, -115.8660

Conversions

Conversions Part 2

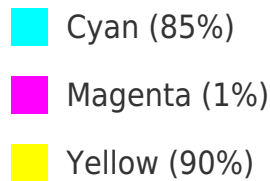
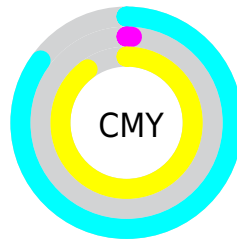
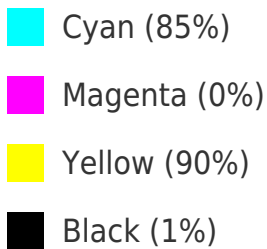
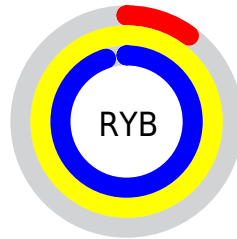
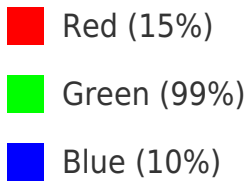
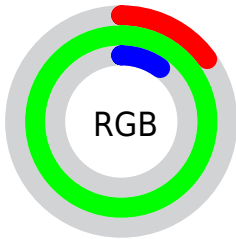
Format	Color
RYB	26, 252, 241
Decimal	2489370
CIELab	87.04, -83.18, 80.14
CIELCh	87, 115.506, 136.067
Yxy	70.0887, 0.3018, 0.5916
Android (android.graphics.Color)	4280679450 (0xFF25FC1A)
YUV	161.9510, -67.0238, -109.5820
Hunter-Lab	83.7190, -70.2636, 49.6651

Details

The RYB color **26, 252, 241** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark washed green. A complement of this color would be **241, 26, 252**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **99, 255, 227**, and **0, 194, 194** is the 20% darker color. If you saturate the color by 10%, you get **1, 252, 240**, and if you desaturate by 10%, it is **51, 252, 242**.






Distribution



Brightness & Saturation Gradients

These gradients show how the RYB color 26, 252, 241 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 RYB color 26, 252, 241 by changing the saturation by 10% instead.

 26, 252, 241	 26, 252, 241
255, 255, 255	 0, 223, 223
 99, 255, 227	 0, 194, 194
 129, 255, 222	 0, 165, 165
 159, 255, 219	 0, 137, 137
 188, 255, 216	 0, 110, 110
 218, 255, 218	 0, 84, 84
 248, 255, 248	 0, 59, 59
	 0, 32, 32
	 0, 0, 0

 26, 252, 241

 26, 252, 241

 1, 252, 240

 51, 252, 242

 0, 252, 240

 76, 252, 243

 102, 252, 245

 127, 252, 246

 152, 252, 247

 177, 252, 248

 202, 252, 249

 228, 252, 251

 253, 252, 253

Harmonies

Analogous

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



0, 231, 23



26, 252, 241



0, 156, 255

Triad

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



26, 252, 241



0, 125, 255



255, 76, 165

Complementary

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



26, 252, 241



241, 26, 252

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, 87, 255



26, 252, 241



0, 116, 255

Square

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



26, 252, 241



0, 128, 255



255, 156, 255



255, 198, 56

Rectangle

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



26, 252, 241



0, 132, 255



255, 156, 255



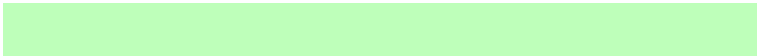
255, 65, 201

Sweetspot

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



26, 252, 241



186, 255, 251



38, 252, 26



87, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



26, 252, 241



0, 255, 243



26, 182, 252



112, 125, 124



0, 189, 180



0, 61, 58

Inverse Universe

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



241, 26, 252



243, 0, 255



252, 26, 150



124, 112, 125



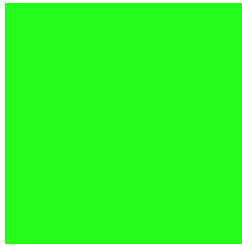
180, 0, 189



58, 0, 61

Previews

White Background



This preview shows how the RYB color 26, 252, 241 looks on a white background.

Color Contrast Check

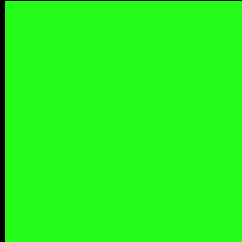
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 26, 252, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

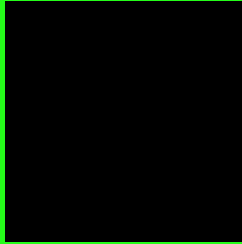
Any Text WCAG AA ✓ Pass

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](#).

RYB 26, 252, 241 Background



This preview shows how black text looks on a background with the RYB color 26, 252, 241.

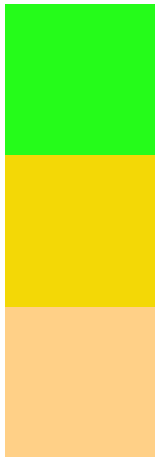


This preview shows how white text looks on a background with the RYB color 26, 252, 241.

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](#).

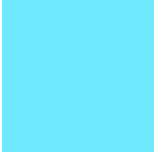
Dichromacy



Original Color
26, 252, 241

Protanopia
36, 243, 6

Deuteranopia
212, 255, 135

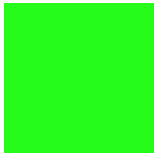
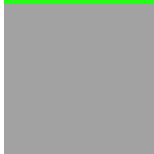



Tritanopia
110, 176, 253

Trichromacy

	Original Color 26, 252, 241
	Protanomaly 13, 229, 74
	Deuteranomaly 95, 224, 143
	Tritanomaly 83, 185, 241

Monochromacy

	Original Color 26, 252, 241
	Achromatopsia 162, 162, 162
	Achromatomaly 113, 195, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 26, 252, 241 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(37, 252, 26) looks like.

```
.text, #text, p{  
    color:rgb(37, 252, 26)  
}
```


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(37, 252, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 252, 26) }
```

Border

The CSS property to change the border of an element to RYB 26, 252, 241 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(37, 252, 26) }
```


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

```
.border{ border-color:rgb(37, 252, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 252, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 252, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 252, 26);  
box-shadow:4px 4px 4px 4px rgb(37, 252,  
26) }
```


Background

The CSS property to change the background color of an element to RGB 26, 252, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 252, 26) }
```

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

```
.background{ background-color: rgb(37, 252,  
26) }
```

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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