

Converting Colors

`RYB(39, 192, 226)`

Have a look what the booklet for
RYB(39, 192, 226) contains.

RYB(39, 192, 226)	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

RYB(39, 192, 226)

Conversions

Conversions Part 1

Format	Color
Hex	27E251
RGB	39, 226, 81
RGB Percent	15%, 89%, 32%
CMY	0.8471, 0.1137, 0.6841
CMYK	0.83, 0.00, 0.64, 0.11
HSL	133°, 76%, 52%
HSV	133°, 83%, 89%
XYZ	29.5016, 55.4115, 16.8381
YIQ	153.5570, -64.9070, -84.7390

Conversions

Conversions Part 2

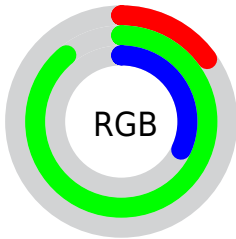
Format	Color
RYB	39, 192, 226
Decimal	2613841
CIELab	79.28, -72.14, 56.92
CIElCh	79, 91.894, 141.727
Yxy	55.4115, 0.2899, 0.5446
Android (android.graphics.Color)	4280803921 (0xFF27E251)
YUV	153.5570, -35.7706, -100.4665
Hunter-Lab	74.4389, -59.5249, 38.6958

Details

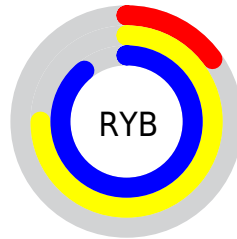
The RYB color **39, 192, 226** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **226, 39, 184**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **119, 240, 255**, and **0, 151, 169** is the 20% darker color. If you saturate the color by 10%, you get **16, 188, 226**, and if you desaturate by 10%, it is **62, 196, 226**.

Distribution



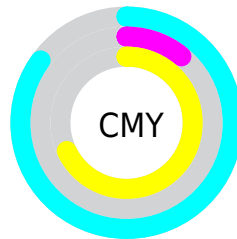
- Red (15%)
- Green (89%)
- Blue (32%)



- Red (15%)
- Yellow (75%)
- Blue (89%)



- Cyan (83%)
- Magenta (0%)
- Yellow (64%)
- Black (11%)



- Cyan (85%)
- Magenta (11%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the RYB color 39, 192, 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 RYB color 39, 192, 226 by changing the saturation by 10% instead.



39, 192, 226



39, 192, 226

255, 255, 255



0, 155, 197



119, 241, 255



0, 152, 169



152, 245, 255



0, 141, 141



184, 249, 255



0, 114, 114



215, 251, 255



0, 88, 88



246, 253, 255



0, 63, 63



0, 38, 38



0, 0, 0



39, 192, 226



39, 192, 226

■ 16, 188, 226

■ 62, 196, 226

■ 0, 185, 226

■ 84, 200, 226

■ 107, 205, 226

■ 129, 208, 226

■ 152, 213, 226

■ 175, 217, 226

■ 197, 220, 226

■ 220, 225, 226

■ 242, 226, 239

Harmonies

Analogous

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



0, 211, 35



39, 192, 226



0, 135, 233

Triad

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



39, 192, 226



0, 116, 255



255, 109, 139

Complementary

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



39, 192, 226



226, 39, 184

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, 105, 224



39, 192, 226



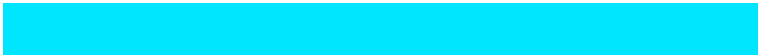
139, 171, 255

Square

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



39, 192, 226



0, 121, 255



255, 142, 255



255, 220, 58

Rectangle

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



39, 192, 226



0, 119, 235



255, 142, 255



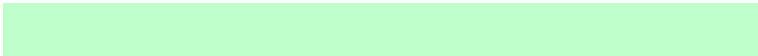
255, 102, 167

Sweetspot

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



39, 192, 226



191, 244, 255



39, 226, 80



89, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



39, 192, 226



3, 209, 255



39, 148, 226



101, 110, 112



0, 144, 176



0, 39, 48

Inverse Universe

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



226, 39, 184



255, 3, 199



226, 39, 92



112, 101, 110



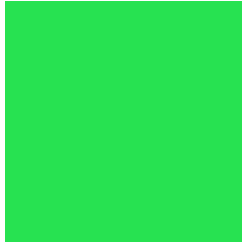
176, 0, 137



48, 0, 38

Previews

White Background



This preview shows how the RYB color 39, 192, 226 looks on a white background.

Color Contrast Check

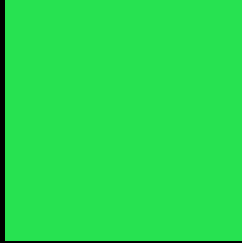
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 39, 192, 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 39, 192, 226 Background



This preview shows how black text looks on a background with the RGB color 39, 192, 226.

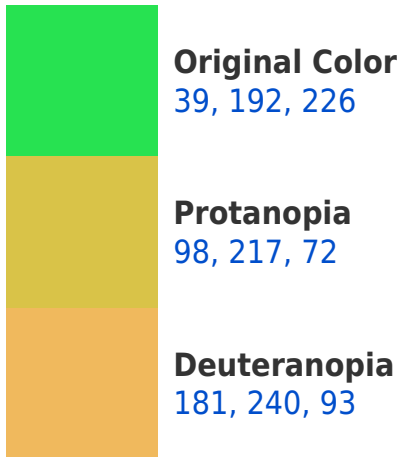


This preview shows how white text looks on a background with the RGB color 39, 192, 226.

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





Tritanopia
97, 158, 229

Trichromacy



Original Color

39, 192, 226



Protanomaly

75, 206, 129



Deuteranomaly

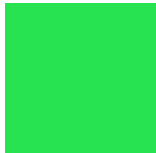
88, 200, 121



Tritanomaly

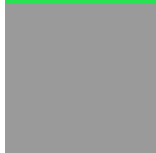
76, 159, 217

Monochromacy



Original Color

39, 192, 226



Achromatopsia

154, 154, 154



Achromatomaly

112, 168, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 39, 192, 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(39, 226, 81)` looks like.

```
.text, #text, p{  
    color:rgb(39, 226, 81)  
}
```

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(39, 226, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 226, 81) }
```

Border

The CSS property to change the border of an element to RYB 39, 192, 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(39, 226, 81) }
```

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

```
.border{ border-color:rgb(39, 226, 81) }
```

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

Here you see how a box with a 4 pixel rgb(39, 226, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 226, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 226, 81);  
box-shadow:4px 4px 4px 4px rgb(39, 226,  
81) }
```

Background

The CSS property to change the background color of an element to RGB 39, 192, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 226, 81) }
```

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

```
.background{ background-color: rgb(39, 226,  
81) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor