

Converting Colors

`RYB(67, 196, 241)`

Have a look what the booklet for
RYB(67, 196, 241) contains.

RYB(67, 196, 241)	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(67, 196, 241)

Conversions

Conversions Part 1

Format	Color
Hex	43F180
RGB	67, 241, 128
RGB Percent	26%, 95%, 50%
CMY	0.7373, 0.0549, 0.4992
CMYK	0.72, 0.00, 0.47, 0.05
HSL	141°, 86%, 60%
HSV	141°, 72%, 95%
XYZ	37.6464, 65.6544, 31.0063
YIQ	176.0920, -67.4310, -72.0310

Conversions

Conversions Part 2

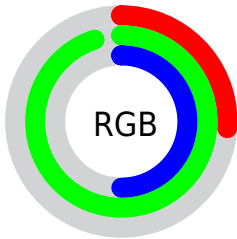
Format	Color
RYB	67, 196, 241
Decimal	4452736
CIELab	84.82, -67.37, 42.25
CIELCh	85, 79.522, 147.910
Yxy	65.6544, 0.2803, 0.4888
Android (android.graphics.Color)	4282642816 (0xFF43F180)
YUV	176.0920, -23.7094, -95.6737
Hunter-Lab	81.0274, -58.8645, 34.0310

Details

The RYB color **67, 196, 241** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **241, 67, 180**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **137, 222, 255**, and **0, 129, 183** is the 20% darker color. If you saturate the color by 10%, you get **43, 190, 241**, and if you desaturate by 10%, it is **91, 202, 241**.

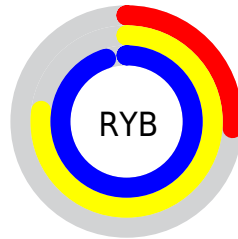
Distribution



Red (26%)

Green (95%)

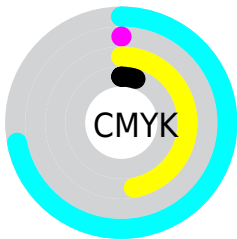
Blue (50%)



Red (26%)

Yellow (77%)

Blue (95%)

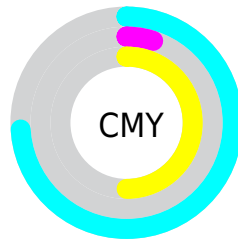


Cyan (72%)

Magenta (0%)

Yellow (47%)

Black (5%)



Cyan (74%)















Magenta (5%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 67, 196, 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 67, 196, 241 by changing the saturation by 10% instead.

 67, 196, 241	 67, 196, 241
255, 255, 255	 0, 143, 212
 137, 222, 255	 0, 129, 183
 168, 227, 255	 0, 118, 156
 199, 232, 255	 0, 108, 128
 231, 243, 255	 0, 102, 102
	 0, 76, 76
	 0, 53, 53
	 0, 25, 25
	 0, 0, 0

■ 67, 196, 241

■ 67, 196, 241

■ 43, 190, 241

■ 91, 202, 241

■ 19, 184, 241

■ 115, 208, 241

■ 0, 179, 241

■ 139, 214, 241

■ 163, 221, 241

■ 187, 227, 241

■ 212, 234, 241

■ 236, 240, 241

■ 255, 241, 253

■ 255, 241, 255

Harmonies

Analogous

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



65, 228, 112



67, 196, 241



0, 135, 247

Triad

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



67, 196, 241



0, 119, 255



255, 148, 146

Complementary

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



67, 196, 241



241, 67, 180

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, 140, 220



67, 196, 241



202, 194, 255

Square

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



67, 196, 241



0, 123, 255



255, 161, 255



226, 255, 83

Rectangle

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



67, 196, 241



0, 126, 255



255, 161, 255



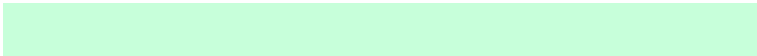
255, 142, 170

Sweetspot

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



67, 196, 241



199, 241, 255



67, 241, 125



94, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



67, 196, 241



33, 197, 255



67, 162, 241



108, 117, 120



0, 137, 184



0, 41, 56

Inverse Universe

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



241, 67, 180



255, 33, 178



241, 67, 96



120, 108, 116



184, 0, 120



56, 0, 37

Previews

White Background



This preview shows how the RYB color 67, 196, 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 67, 196, 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

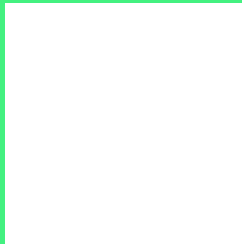
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 67, 196, 241 Background



This preview shows how black text looks on a background with the RYB color 67, 196, 241.

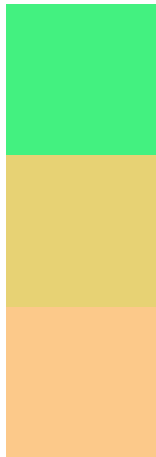


This preview shows how white text looks on a background with the RYB color 67, 196, 241.

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
67, 196, 241

Protanopia
142, 231, 116

Deuteranopia
230, 252, 138



Tritanopia
110, 173, 246

Trichromacy



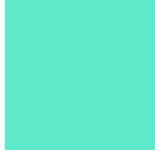
Original Color
67, 196, 241



Protanomaly
120, 221, 170



Deuteranomaly
134, 216, 165



Tritanomaly
94, 172, 233

Monochromacy



Original Color
67, 196, 241



Achromatopsia
176, 176, 176



Achromatomaly
136, 184, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 67, 196, 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(67, 241, 128)` looks like.

```
.text, #text, p{  
    color:rgb(67, 241, 128)  
}
```

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(67, 241, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 241, 128) }
```

Border

The CSS property to change the border of an element to RYB 67, 196, 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(67, 241, 128) }
```

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

```
.border{ border-color:rgb(67, 241, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 241, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 241, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 241, 128);  
box-shadow:4px 4px 4px 4px rgb(67, 241,  
128) }
```

Background

The CSS property to change the background color of an element to RGB 67, 196, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 241, 128) }
```

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

```
.background{ background-color: rgb(67, 241,  
128) }
```

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