

Converting Colors

`RYB(50, 185, 254)`

Have a look what the booklet for
RYB(50, 185, 254) contains.

RYB(50, 185, 254)	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(50, 185, 254)

Conversions

Conversions Part 1

Format	Color
Hex	32FE9A
RGB	50, 254, 154
RGB Percent	20%, 100%, 60%
CMY	0.8039, 0.0039, 0.3950
CMYK	0.80, 0.00, 0.39, 0.00
HSL	151°, 99%, 60%
HSV	151°, 80%, 100%
XYZ	42.6122, 73.9037, 42.7074
YIQ	181.6040, -89.4840, -74.3480

Conversions

Conversions Part 2

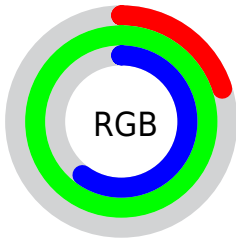
Format	Color
RYB	50, 185, 254
Decimal	3341978
CIELab	88.88, -69.38, 34.42
CIELCh	89, 77.446, 153.612
Yxy	73.9037, 0.2676, 0.4642
Android (android.graphics.Color)	4281532058 (0xFF32FE9A)
YUV	181.6040, -13.6088, -115.4167
Hunter-Lab	85.9673, -61.9640, 30.7226

Details

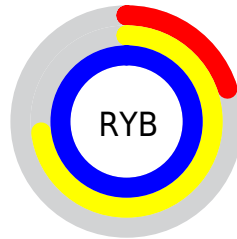
The RYB color **50, 185, 254** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **254, 50, 150**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **129, 206, 255**, and **0, 129, 196** is the 20% darker color. If you saturate the color by 10%, you get **25, 177, 254**, and if you desaturate by 10%, it is **75, 193, 254**.

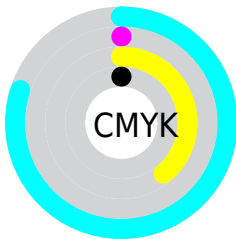
Distribution



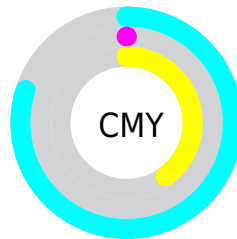
- Red (20%)
- Green (100%)
- Blue (60%)



- Red (20%)
- Yellow (73%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)



















- Cyan (80%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 50, 185, 254 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 50, 185, 254 by changing the saturation by 10% instead.

 50, 185, 254	 50, 185, 254
 255, 255, 255	 0, 143, 225
 129, 206, 255	 0, 129, 196
 162, 213, 255	 0, 115, 168
 194, 225, 255	 0, 102, 140
 226, 241, 255	 0, 91, 113
	 0, 86, 87
	 0, 62, 62
	 0, 37, 37
	 0, 0, 0

■ 50, 185, 254

■ 50, 185, 254

■ 25, 177, 254

■ 75, 193, 254

■ 0, 168, 254

■ 101, 202, 254

■ 126, 210, 254

■ 152, 220, 254

■ 177, 228, 254

■ 202, 236, 254

■ 228, 245, 254

■ 253, 254, 254

255, 254, 255

Harmonies

Analogous

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



91, 242, 155



50, 185, 254



0, 134, 255

Triad

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



50, 185, 254



62, 152, 255



255, 173, 145

Complementary

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



50, 185, 254



254, 50, 150

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, 154, 217



50, 185, 254



237, 200, 255

Square

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



50, 185, 254



0, 126, 255



255, 169, 255



182, 255, 88

Rectangle

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



50, 185, 254



0, 128, 255



255, 169, 255



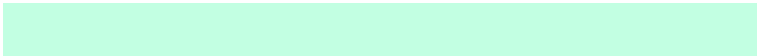
255, 160, 168

Sweetspot

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



50, 185, 254



194, 234, 255



50, 254, 152



91, 116, 128



0, 0, 0



128, 128, 128

Same Dimension

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



50, 185, 254



10, 172, 255



50, 152, 254



115, 124, 128



0, 126, 191



0, 42, 64

Inverse Universe

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



254, 50, 150



255, 10, 130



254, 50, 50



128, 115, 121



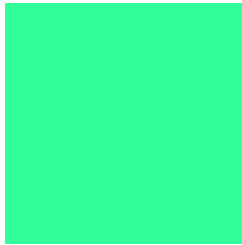
191, 0, 94



64, 0, 31

Previews

White Background



This preview shows how the RYB color 50, 185, 254 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 50, 185, 254 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](#).

R Y B 50, 185, 254 Background



This preview shows how black text looks on a background with the RYB color 50, 185, 254.

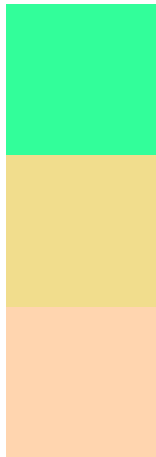


This preview shows how white text looks on a background with the RYB color 50, 185, 254.

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](#).

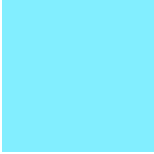
Dichromacy



Original Color
50, 185, 254

Protanopia
166, 241, 141

Deuteranopia
255, 247, 175



Tritanopia
130, 188, 255

Trichromacy



Original Color

50, 185, 254



Protanomaly

146, 233, 207



Deuteranomaly

167, 228, 215



Tritanomaly

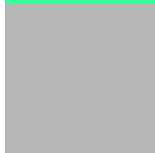
101, 180, 244

Monochromacy



Original Color

50, 185, 254



Achromatopsia

182, 182, 182



Achromatomaly

134, 183, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 50, 185, 254 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(50, 254, 154) looks like.

```
.text, #text, p{  
    color:rgb(50, 254, 154)  
}
```

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(50, 254, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 254, 154) }
```

Border

The CSS property to change the border of an element to RYB 50, 185, 254 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(50, 254, 154) }
```

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

```
.border{ border-color:rgb(50, 254, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 254, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 254, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 254, 154);  
box-shadow:4px 4px 4px 4px rgb(50, 254,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 50, 185, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 254, 154) }
```

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

```
.background{ background-color: rgb(50, 254,  
154) }
```

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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