

Converting Colors

`RYB(94, 190, 244)`

Have a look what the booklet for
RYB(94, 190, 244) contains.

RYB(94, 190, 244)	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(94, 190, 244)

Conversions

Conversions Part 1

Format	Color
Hex	5EF4B2
RGB	94, 244, 178
RGB Percent	37%, 96%, 70%
CMY	0.6314, 0.0431, 0.3005
CMYK	0.61, 0.00, 0.27, 0.04
HSL	154°, 87%, 66%
HSV	154°, 61%, 96%
XYZ	45.0404, 70.3105, 53.5146
YIQ	191.6260, -68.2140, -52.3260

Conversions

Conversions Part 2

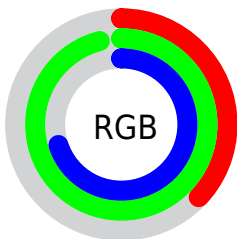
Format	Color
R_{YB}	94, 190, 244
Decimal	6223026
CIE _{Lab}	87.15, -54.79, 20.01
CIE _{LCh}	87, 58.332, 159.939
Yxy	70.3105, 0.2667, 0.4164
Android (android.graphics.Color)	4284413106 (0xFF5EF4B2)
YUV	191.6260, -6.7176, -85.6180
Hunter-Lab	83.8514, -50.8594, 20.8566

Details

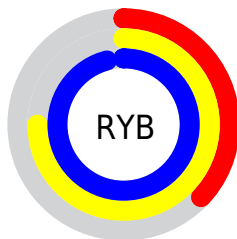
The RYB color **94, 190, 244** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **244, 94, 160**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **157, 212, 255**, and **0, 112, 187** is the 20% darker color. If you saturate the color by 10%, you get **70, 181, 244**, and if you desaturate by 10%, it is **118, 199, 244**.

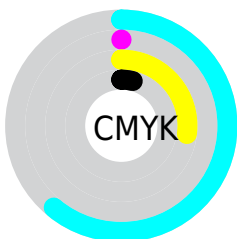
Distribution



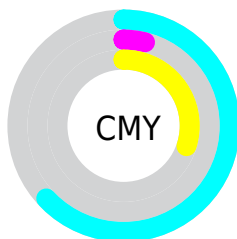
- Red (37%)
- Green (96%)
- Blue (70%)



- Red (37%)
- Yellow (75%)
- Blue (96%)



- Cyan (61%)
- Magenta (0%)
- Yellow (27%)
- Black (4%)


















- Cyan (63%)
- Magenta (4%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 94, 190, 244 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 94, 190, 244 by changing the saturation by 10% instead.

 94, 190, 244	 94, 190, 244
 255, 255, 255	 58, 156, 215
 157, 212, 255	 0, 112, 187
 187, 221, 255	 0, 98, 159
 218, 237, 255	 0, 84, 132
 248, 252, 255	 0, 71, 106
	 0, 58, 80
	 0, 49, 56
	 0, 33, 33
	 0, 0, 0

■ 94, 190, 244

■ 94, 190, 244

■ 70, 181, 244

■ 118, 199, 244

■ 45, 172, 244

■ 143, 208, 244

■ 21, 164, 244

■ 167, 216, 244

■ 0, 156, 244

■ 192, 225, 244

■ 216, 234, 244

■ 240, 243, 244

■ 255, 244, 253

■ 255, 244, 255

Harmonies

Analogous

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



130, 236, 192



94, 190, 244



0, 126, 247

Triad

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



94, 190, 244



160, 196, 255



255, 198, 150

Complementary

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



94, 190, 244



244, 94, 160

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, 172, 202



94, 190, 244



247, 197, 255

Square

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



94, 190, 244



0, 122, 255



255, 178, 255



199, 255, 114

Rectangle

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



94, 190, 244



0, 125, 255



255, 178, 255



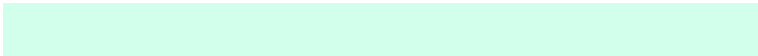
255, 180, 166

Sweetspot

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



94, 190, 244



209, 238, 255



94, 244, 177



99, 118, 128



0, 0, 0



128, 128, 128

Same Dimension

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



94, 190, 244



66, 187, 255



94, 167, 244



110, 118, 122



0, 119, 186



0, 38, 59

Inverse Universe

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



244, 94, 160



255, 66, 149



244, 102, 94



122, 110, 116



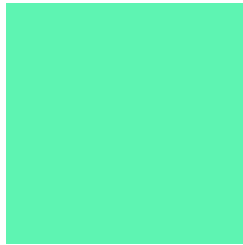
186, 0, 81



59, 0, 26

Previews

White Background



This preview shows how the RYB color 94, 190, 244 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 94, 190, 244 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 94, 190, 244 Background



This preview shows how black text looks on a background with the RYB color 94, 190, 244.

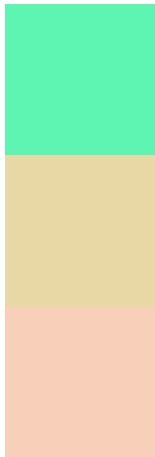


This preview shows how white text looks on a background with the RYB color 94, 190, 244.

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

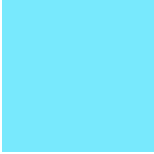
94, 190, 244

Protanopia

184, 231, 165

Deuteranopia

248, 220, 186



Tritanopia
120, 181, 253

Trichromacy



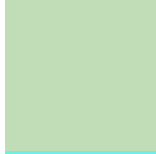
Original Color

94, 190, 244



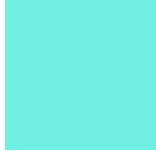
Protanomaly

170, 226, 215



Deuteranomaly

183, 221, 212



Tritanomaly

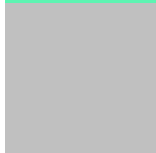
111, 178, 238

Monochromacy



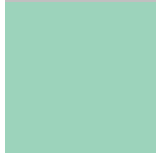
Original Color

94, 190, 244



Achromatopsia

192, 192, 192



Achromatomaly

156, 191, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 94, 190, 244 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(94, 244, 178)` looks like.

```
.text, #text, p{  
    color:rgb(94, 244, 178)  
}
```

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(94, 244, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 244, 178) }
```

Border

The CSS property to change the border of an element to RYB 94, 190, 244 is called "border". The border property can be set on classes, ids or directly on the HTML element.

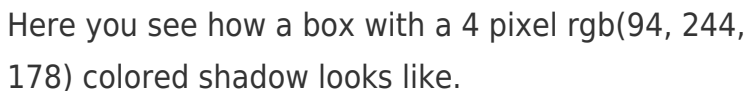
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 244, 178) }
```

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

```
.border{ border-color:rgb(94, 244, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(94, 244, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 244, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 244, 178);  
box-shadow:4px 4px 4px 4px rgb(94, 244,  
178) }
```

Background

The CSS property to change the background color of an element to RYB 94, 190, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 244, 178) }
```

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

```
.background{ background-color: rgb(94, 244,  
178) }
```

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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