

Converting Colors

`RYB(94, 183, 248)`

Have a look what the booklet for
RYB(94, 183, 248) contains.

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Color

RYB(94, 183, 248)

Conversions

Conversions Part 1

Format	Color
Hex	5EF8CE
RGB	94, 248, 206
RGB Percent	37%, 97%, 81%
CMY	0.6314, 0.0275, 0.1903
CMYK	0.62, 0.00, 0.17, 0.03
HSL	164°, 92%, 67%
HSV	164°, 62%, 97%
XYZ	49.3815, 73.9937, 70.3731
YIQ	197.1660, -78.3020, -45.7100

Conversions

Conversions Part 2

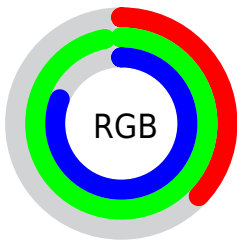
Format	Color
R_{YB}	94, 183, 248
Decimal	6224078
CIE _{Lab}	88.92, -50.28, 7.98
CIE _{LCh}	89, 50.912, 170.987
Yxy	73.9937, 0.2549, 0.3819
Android (android.graphics.Color)	4284414158 (0xFF5EF8CE)
YUV	197.1660, 4.3552, -90.4766
Hunter-Lab	86.0196, -48.0623, 11.7082

Details

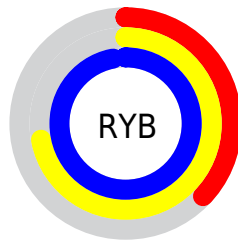
The RYB color **94, 183, 248** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **248, 94, 136**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **158, 207, 255**, and **0, 106, 191** is the 20% darker color. If you saturate the color by 10%, you get **69, 172, 248**, and if you desaturate by 10%, it is **119, 194, 248**.

Distribution



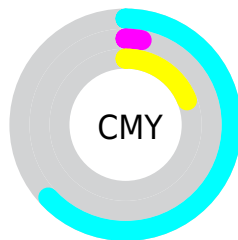
- Red (37%)
- Green (97%)
- Blue (81%)



- Red (37%)
- Yellow (72%)
- Blue (97%)



- Cyan (62%)
- Magenta (0%)
- Yellow (17%)
- Black (3%)



















- Cyan (63%)
- Magenta (3%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 94, 183, 248 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, 183, 248 by changing the saturation by 10% instead.

 94, 183, 248	 94, 183, 248
 255, 255, 255	 57, 149, 219
 158, 207, 255	 0, 106, 191
 189, 222, 255	 0, 92, 163
 219, 237, 255	 0, 78, 136
 250, 253, 255	 0, 65, 110
	 0, 51, 84
	 0, 39, 60
	 0, 29, 37
	 0, 0, 0

■ 94, 183, 248

■ 94, 183, 248

■ 69, 172, 248

■ 119, 194, 248

■ 44, 162, 248

■ 144, 204, 248

■ 20, 152, 248

■ 168, 214, 248

■ 0, 143, 248

■ 193, 225, 248

■ 218, 235, 248

■ 243, 246, 248

■ 255, 248, 253

■ 255, 248, 255

Harmonies

Analogous

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



160, 242, 238



94, 183, 248



0, 126, 255

Triad

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



94, 183, 248



206, 214, 255



255, 238, 150

Complementary

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



94, 183, 248



248, 94, 136

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, 186, 191



94, 183, 248



255, 198, 255

Square

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



94, 183, 248



119, 181, 255



255, 186, 240



185, 255, 127

Rectangle

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



94, 183, 248



0, 125, 255



255, 186, 240



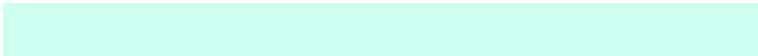
255, 209, 162

Sweetspot

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



94, 183, 248



207, 235, 255



94, 248, 204



98, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



94, 183, 248



64, 175, 255



94, 162, 248



112, 119, 125



0, 109, 189



0, 35, 61

Inverse Universe

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



248, 94, 136



255, 64, 115



248, 136, 94



125, 112, 116



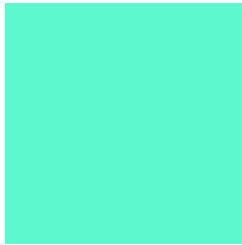
189, 0, 51



61, 0, 17

Previews

White Background



This preview shows how the RYB color 94, 183, 248 looks on a white background.

Color Contrast Check

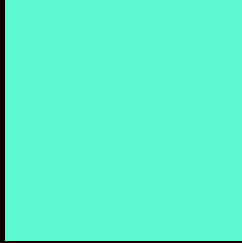
Large Text (above 18pt) WCAG AA × Fail

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, 183, 248 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_YB 94, 183, 248 Background



This preview shows how black text looks on a background with the R_YB color 94, 183, 248.

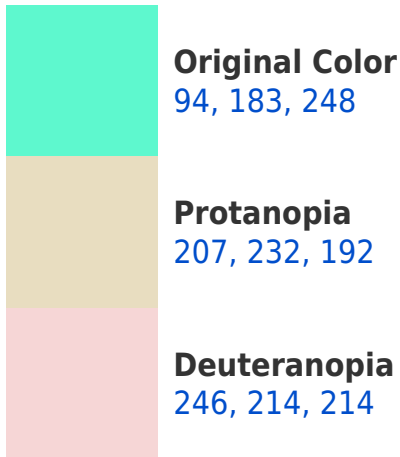


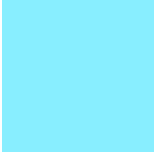
This preview shows how white text looks on a background with the R_YB color 94, 183, 248.

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](#).

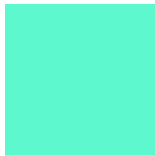
Dichromacy





Tritanopia
136, 191, 255

Trichromacy



Original Color

94, 183, 248



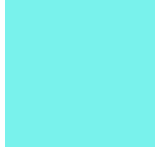
Protanomaly

182, 220, 231



Deuteranomaly

191, 213, 226



Tritanomaly

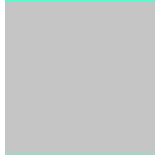
121, 183, 242

Monochromacy



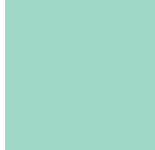
Original Color

94, 183, 248



Achromatopsia

197, 197, 197



Achromatomaly

160, 193, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 94, 183, 248 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, 248, 206)` looks like.

```
.text, #text, p{  
    color:rgb(94, 248, 206)  
}
```

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, 248, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 248, 206) }
```

Border

The CSS property to change the border of an element to RYB 94, 183, 248 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, 248, 206) }
```

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

```
.border{ border-color:rgb(94, 248, 206) }
```

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

Here you see how a box with a 4 pixel rgb(94, 248, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 248, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 248, 206);  
box-shadow:4px 4px 4px 4px rgb(94, 248,  
206) }
```

Background

The CSS property to change the background color of an element to RYB 94, 183, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 248, 206) }
```

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

```
.background{ background-color: rgb(94, 248,  
206) }
```

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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