

Converting Colors

`RYB(93, 243, 248)`

Have a look what the booklet for
RYB(93, 243, 248) contains.

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Color

RYB(93, 243, 248)

Conversions

Conversions Part 1

Format	Color
Hex	5DF862
RGB	93, 248, 98
RGB Percent	36%, 97%, 38%
CMY	0.6353, 0.0275, 0.6150
CMYK	0.62, 0.00, 0.60, 0.03
HSL	122°, 92%, 67%
HSV	122°, 62%, 97%
XYZ	40.2941, 70.3470, 23.0512
YIQ	184.5550, -44.2300, -79.5100

Conversions

Conversions Part 2

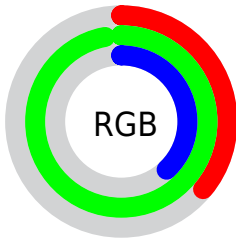
Format	Color
R _{YB}	93, 243, 248
Decimal	6158434
CIE Lab	87.17, -69.07, 58.67
CIE LCh	87, 90.630, 139.654
Yxy	70.3470, 0.3014, 0.5262
Android (android.graphics.Color)	4284348514 (0xFF5DF862)
YUV	184.5550, -42.6716, -80.2937
Hunter-Lab	83.8731, -61.0234, 42.4163

Details

The RYB color **93, 243, 248** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **248, 93, 243**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **153, 255, 250**, and **0, 156, 190** is the 20% darker color. If you saturate the color by 10%, you get **68, 242, 248**, and if you desaturate by 10%, it is **118, 244, 248**.

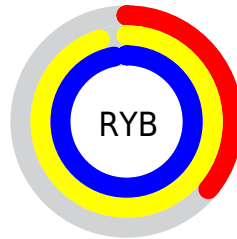
Distribution



Red (36%)

Green (97%)

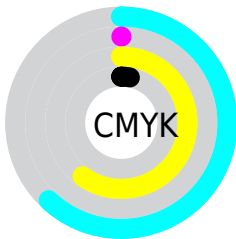
Blue (38%)



Red (36%)

Yellow (95%)

Blue (97%)

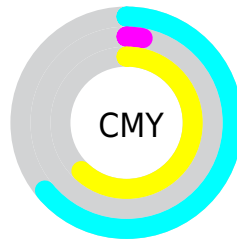


Cyan (62%)

Magenta (0%)

Yellow (60%)

Black (3%)



Cyan (64%)
















Magenta (3%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the RYB color 93, 243, 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 93, 243, 248 by changing the saturation by 10% instead.

 93, 243, 248	 93, 243, 248
255, 255, 255	 54, 204, 219
 153, 255, 250	 0, 156, 190
 181, 255, 247	 0, 162, 162
 210, 255, 245	 0, 135, 135
 239, 255, 243	 0, 108, 108
	 0, 82, 82
	 0, 58, 58
	 0, 33, 33
	 0, 0, 0

■ 93, 243, 248

■ 93, 243, 248

■ 68, 242, 248

■ 118, 244, 248

■ 43, 241, 248

■ 143, 245, 248

■ 19, 241, 248

■ 167, 245, 248

■ 0, 240, 248

■ 192, 246, 248

■ 217, 247, 248

■ 242, 248, 248

■ 255, 248, 255

Harmonies

Analogous

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



2, 231, 27



93, 243, 248



0, 148, 255

Triad

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



93, 243, 248



0, 123, 255



255, 135, 166

Complementary

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



93, 243, 248



248, 93, 243

Split Complementary

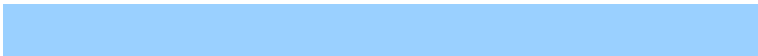
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 134, 252



93, 243, 248



154, 189, 255

Square

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



93, 243, 248



0, 127, 255



255, 169, 255



255, 240, 87

Rectangle

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



93, 243, 248



0, 130, 255



255, 169, 255



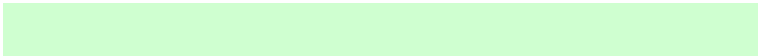
255, 130, 194

Sweetspot

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



93, 243, 248



207, 254, 255



93, 248, 98



98, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



93, 243, 248



64, 249, 255



93, 194, 248



112, 124, 125



0, 183, 189



0, 59, 61

Inverse Universe

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



248, 93, 243



255, 64, 249



248, 93, 165



125, 112, 125



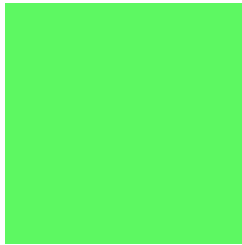
189, 0, 182



61, 0, 59

Previews

White Background



This preview shows how the RYB color 93, 243, 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 93, 243, 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](#).

RYB 93, 243, 248 Background



This preview shows how black text looks on a background with the RYB color 93, 243, 248.

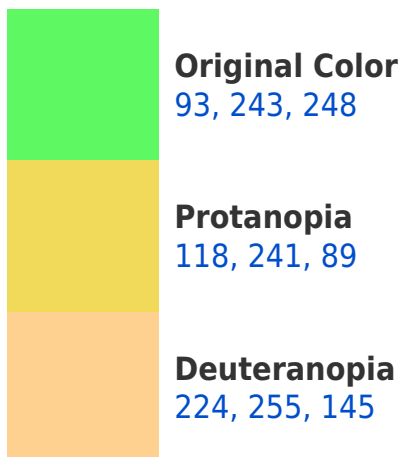



This preview shows how white text looks on a background with the RYB color 93, 243, 248.

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](#).

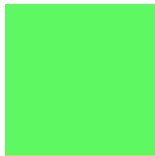
Dichromacy





Tritanopia
132, 187, 251

Trichromacy



Original Color

93, 243, 248



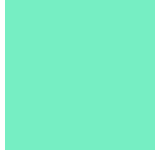
Protanomaly

92, 228, 133



Deuteranomaly

128, 223, 155



Tritanomaly

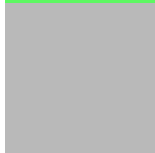
118, 191, 238

Monochromacy



Original Color

93, 243, 248



Achromatopsia

185, 185, 185



Achromatomaly

152, 207, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 93, 243, 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(93, 248, 98)` looks like.

```
.text, #text, p{  
    color:rgb(93, 248, 98)  
}
```

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(93, 248, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 248, 98) }
```

Border

The CSS property to change the border of an element to RYB 93, 243, 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(93, 248, 98) }
```

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

```
.border{ border-color:rgb(93, 248, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 248, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 248, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 248, 98);  
box-shadow:4px 4px 4px 4px rgb(93, 248,  
98) }
```

Background

The CSS property to change the background color of an element to RYB 93, 243, 248 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 248, 98) }
```

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

```
.background{ background-color: rgb(93, 248,  
98) }
```

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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