

Converting Colors

RGB(93, 236, 155)

Have a look what the booklet for
RGB(93, 236, 155) contains.

RGB(93, 236, 155)	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

RGB(93, 236, 155)

Conversions

Conversions Part 1

Format	Color
Hex	5DEC9B
RGB	93, 236, 155
RGB Percent	36%, 93%, 61%
CMY	0.6353, 0.0745, 0.3922
CMYK	0.61, 0.00, 0.34, 0.07
HSL	146°, 79%, 65%
HSV	146°, 61%, 93%
XYZ	40.4260, 64.6846, 41.3651
YIQ	184.0090, -59.2270, -55.5070

Conversions

Conversions Part 2

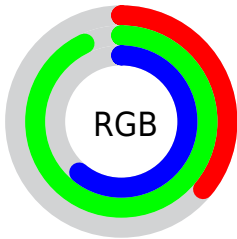
Format	Color
RYB	93, 193, 236
Decimal	6155419
CIELab	84.32, -56.40, 28.12
CIElCh	84, 63.018, 153.502
Yxy	64.6846, 0.2760, 0.4416
Android (android.graphics.Color)	4284345499 (0xFF5DEC9B)
YUV	184.0090, -14.3014, -79.8149
Hunter-Lab	80.4267, -51.0248, 25.8047

Details

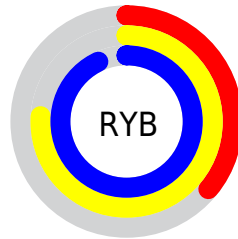
The RGB color **93, 236, 155** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **236, 93, 174**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **155, 255, 210**, and **0, 179, 103** is the 20% darker color. If you saturate the color by 10%, you get **69, 236, 142**, and if you desaturate by 10%, it is **117, 236, 168**.

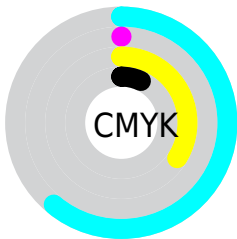
Distribution



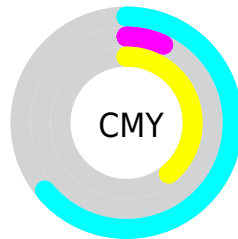
- Red (36%)
- Green (93%)
- Blue (61%)



- Red (36%)
- Yellow (76%)
- Blue (93%)



- Cyan (61%)
- Magenta (0%)
- Yellow (34%)
- Black (7%)



















- Cyan (64%)
- Magenta (7%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 93, 236, 155 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 RGB color 93, 236, 155 by changing the saturation by 10% instead.

 93, 236, 155	 93, 236, 155
 255, 255, 255	 58, 207, 129
 155, 255, 210	 0, 179, 103
 185, 255, 238	 0, 152, 78
 215, 255, 255	 0, 125, 55
 246, 255, 255	 0, 99, 32
	 0, 73, 8
	 0, 50, 0
	 0, 24, 0
	 0, 0, 0

 93, 236, 155

 93, 236, 155

 69, 236, 142

 117, 236, 168

 46, 236, 128

 140, 236, 182

 22, 236, 115

 164, 236, 195

 0, 236, 102

 187, 236, 208

 211, 236, 222

 235, 236, 235

 255, 236, 249

 255, 236, 255

Harmonies

Analogous

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



176, 226, 107



93, 236, 155



0, 240, 216

Triad

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



93, 236, 155



112, 214, 255



255, 167, 148

Complementary

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



93, 236, 155



236, 93, 174

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, 159, 206



93, 236, 155



223, 192, 255

Square

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



93, 236, 155



0, 230, 255



255, 169, 255



255, 188, 104

Rectangle

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



93, 236, 155



0, 240, 255



255, 169, 255



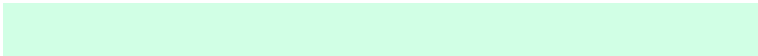
255, 162, 166

Sweetspot

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



93, 236, 155



209, 255, 229



174, 236, 93



99, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



93, 236, 155



69, 255, 150



93, 236, 226



106, 117, 111



0, 181, 78



0, 54, 23

Inverse Universe

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



236, 93, 174



255, 69, 174



236, 93, 103



117, 106, 112



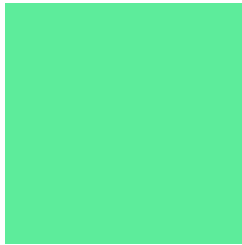
181, 0, 103



54, 0, 30

Previews

White Background



This preview shows how the RGB color 93, 236, 155 looks on a white background.

Color Contrast Check

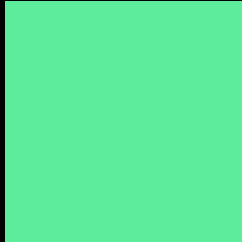
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 93, 236, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

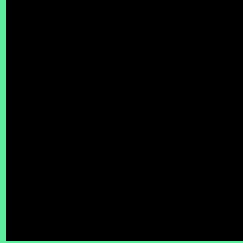
Any Text WCAG AA ✓ Pass

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](#).

RGB 93, 236, 155 Background



This preview shows how black text looks on a background with the RGB color 93, 236, 155.

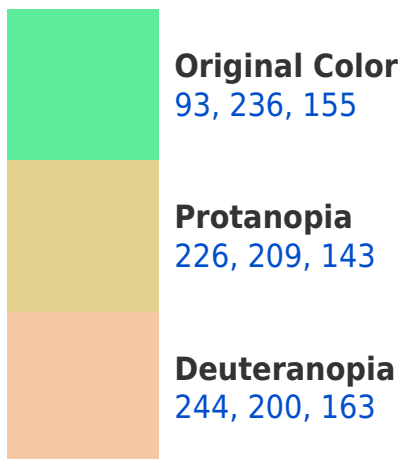


This preview shows how white text looks on a background with the RGB color 93, 236, 155.

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
120, 225, 243

Trichromacy



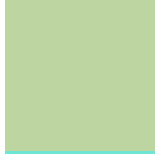
Original Color

93, 236, 155



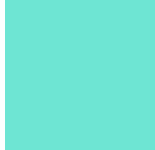
Protanomaly

178, 219, 147



Deuteranomaly

189, 213, 160



Tritanomaly

110, 229, 211

Monochromacy



Original Color

93, 236, 155



Achromatopsia

184, 184, 184



Achromatomaly

151, 203, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 93, 236, 155 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, 236, 155)` looks like.

```
.text, #text, p{  
    color:rgb(93, 236, 155)  
}
```

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, 236, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 236, 155) }
```

Border

The CSS property to change the border of an element to RGB 93, 236, 155 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, 236, 155) }
```

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

```
.border{ border-color:rgb(93, 236, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 236, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 236, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 236, 155);  
box-shadow:4px 4px 4px 4px rgb(93, 236,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 93, 236, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 236, 155) }
```

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

```
.background{ background-color: rgb(93, 236,  
155) }
```

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