

Converting Colors

RGB(153, 212, 244)

Have a look what the booklet for
RGB(153, 212, 244) contains.

RGB(153, 212, 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

RGB(153, 212, 244)

Conversions

Conversions Part 1

Format	Color
Hex	99D4F4
RGB	153, 212, 244
RGB Percent	60%, 83%, 96%
CMY	0.4000, 0.1686, 0.0431
CMYK	0.37, 0.13, 0.00, 0.04
HSL	201°, 81%, 78%
HSV	201°, 37%, 96%
XYZ	53.0095, 60.3909, 94.4507
YIQ	198.0070, -45.4360, -2.5560

Conversions

Conversions Part 2

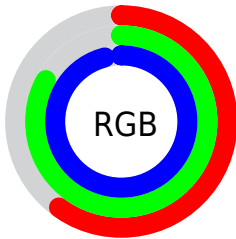
Format	Color
RYB	153, 189, 244
Decimal	10081524
CIELab	82.05, -11.06, -21.69
CIElCh	82, 24.347, 242.977
Yxy	60.3909, 0.2550, 0.2905
Android (android.graphics.Color)	4288271604 (0xFF99D4F4)
YUV	198.0070, 22.6745, -39.4711
Hunter-Lab	77.7116, -14.2349, -17.6629

Details

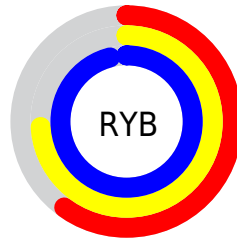
The RGB color **153, 212, 244** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **244, 185, 153**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **210, 255, 255**, and **98, 157, 188** is the 20% darker color. If you saturate the color by 10%, you get **129, 203, 244**, and if you desaturate by 10%, it is **177, 221, 244**.

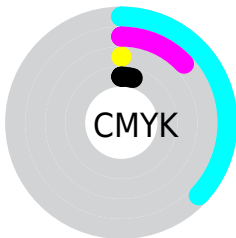
Distribution



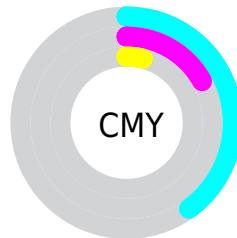
- Red (60%)
- Green (83%)
- Blue (96%)



- Red (60%)
- Yellow (74%)
- Blue (96%)



- Cyan (37%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (40%)
- Magenta (17%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 212, 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 RGB color 153, 212, 244 by changing the saturation by 10% instead.

 153, 212, 244


255, 255, 255


 210, 255, 255


 239, 255, 255

 153, 212, 244

 125, 184, 216


 98, 157, 188


 70, 131, 161


 41, 106, 134

 0, 82, 109

 0, 59, 85

 0, 37, 61

 0, 16, 39

 0, 1, 18

■ 153, 212, 244

■ 153, 212, 244

■ 129, 203, 244

■ 177, 221, 244

■ 104, 195, 244

■ 202, 229, 244

■ 80, 186, 244

■ 226, 238, 244

■ 55, 178, 244

■ 251, 246, 244

■ 31, 169, 244

■ 255, 255, 244

■ 7, 161, 244

■ 255, 255, 244

■ 0, 158, 244

Harmonies

Analogous

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



140, 216, 228



153, 212, 244



180, 205, 249

Triad

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



153, 212, 244



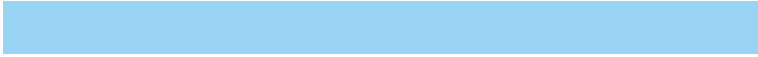
249, 188, 203



194, 210, 165

Complementary

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



153, 212, 244



244, 185, 153

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.



219, 203, 159



153, 212, 244



250, 190, 180

Square

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



153, 212, 244



236, 191, 225



239, 196, 164



168, 215, 183

Rectangle

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



153, 212, 244



201, 200, 246



239, 196, 164



203, 208, 162

Sweetspot

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



153, 212, 244



227, 245, 255



153, 244, 185



111, 122, 128



0, 0, 0



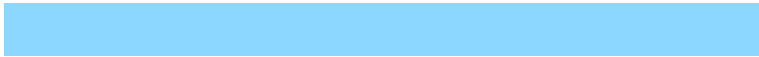
128, 128, 128

Same Dimension

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



153, 212, 244



140, 215, 255



153, 167, 244



110, 118, 122



0, 121, 186



0, 38, 59

Inverse Universe

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



244, 153, 212



255, 140, 215



244, 230, 153



122, 110, 118



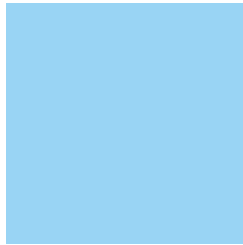
186, 0, 121



59, 0, 38

Previews

White Background



This preview shows how the RGB color 153, 212, 244 looks on a white background.

Color Contrast Check

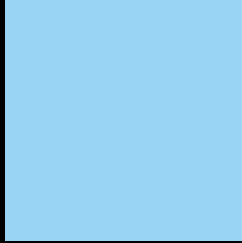
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 153, 212, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

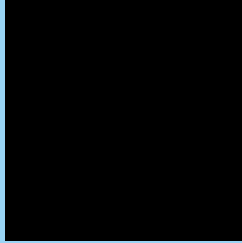
Any Text WCAG AA ✓ Pass

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](#).

RGB 153, 212, 244 Background



This preview shows how black text looks on a background with the RGB color 153, 212, 244.

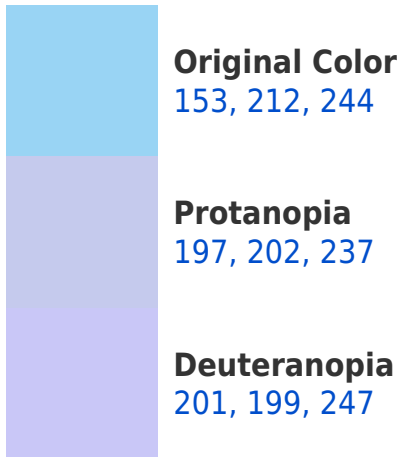


This preview shows how white text looks on a background with the RGB color 153, 212, 244.

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





Tritanopia
150, 214, 231

Trichromacy



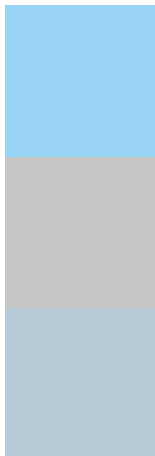
Original Color
153, 212, 244

Protanomaly
181, 206, 240

Deuteranomaly
184, 204, 246

Tritanomaly
151, 213, 236

Monochromacy



Original Color
153, 212, 244

Achromatopsia
198, 198, 198

Achromatomaly
182, 203, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 212, 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(153, 212, 244)` looks like.

```
.text, #text, p{  
    color:rgb(153, 212, 244)  
}
```

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(153, 212, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 212, 244) }
```

Border

The CSS property to change the border of an element to RGB 153, 212, 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(153, 212, 244) }
```

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

```
.border{ border-color:rgb(153, 212, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 212, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 212, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 212, 244);  
box-shadow:4px 4px 4px 4px rgb(153, 212,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 153, 212, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 212, 244) }
```

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

```
.background{ background-color: rgb(153,  
212, 244) }
```

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