

Converting Colors

RGB(101, 255, 182)

Have a look what the booklet for
RGB(101, 255, 182) contains.

RGB(101, 255, 182)	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(101, 255, 182)

Conversions

Conversions Part 1

Format	Color
Hex	65FFB6
RGB	101, 255, 182
RGB Percent	40%, 100%, 71%
CMY	0.6039, 0.0000, 0.2863
CMYK	0.60, 0.00, 0.29, 0.00
HSL	152°, 100%, 70%
HSV	152°, 60%, 100%
XYZ	49.5703, 77.6641, 56.6340
YIQ	200.6320, -68.3510, -55.3510

Conversions

Conversions Part 2

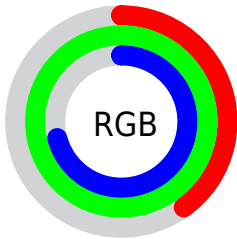
Format	Color
RYB	101, 202, 255
Decimal	6684598
CIELab	90.63, -57.13, 23.00
CIELCh	91, 61.583, 158.074
Yxy	77.6641, 0.2696, 0.4224
Android (android.graphics.Color)	4284874678 (0xFF65FFB6)
YUV	200.6320, -9.1856, -87.3773
Hunter-Lab	88.1272, -53.8189, 23.5870

Details

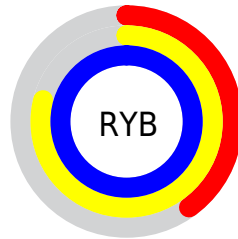
The RGB color **101, 255, 182** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **255, 101, 174**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **164, 255, 238**, and **8, 197, 129** is the 20% darker color. If you saturate the color by 10%, you get **75, 255, 170**, and if you desaturate by 10%, it is **126, 255, 194**.

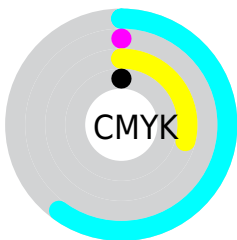
Distribution



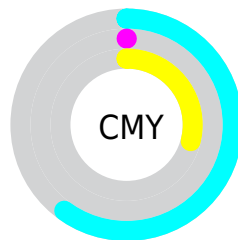
- Red (40%)
- Green (100%)
- Blue (71%)



- Red (40%)
- Yellow (79%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 101, 255, 182 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 101, 255, 182 by changing the saturation by 10% instead.

 101, 255, 182

255, 255, 255

 164, 255, 238

 194, 255, 255


 225, 255, 255


 101, 255, 182


 66, 226, 155

 8, 197, 129


 0, 169, 103

 0, 142, 79

 0, 115, 55

 0, 89, 33

 0, 64, 11

 0, 42, 0

 0, 4, 0

 101, 255, 182

 101, 255, 182

 75, 255, 170

 126, 255, 194

 50, 255, 158

 152, 255, 206

 24, 255, 146

 178, 255, 218

 0, 255, 134

 203, 255, 230

 228, 255, 242

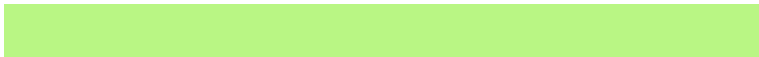
254, 255, 255

255, 255, 255

Harmonies

Analogous

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



185, 246, 132



101, 255, 182



0, 255, 243

Triad

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



101, 255, 182



158, 229, 255



255, 189, 158

Complementary

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



101, 255, 182



255, 101, 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, 178, 214



101, 255, 182



254, 206, 255

Square

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



101, 255, 182



0, 246, 255



255, 186, 255



255, 209, 118

Rectangle

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



101, 255, 182



0, 255, 255



255, 186, 255



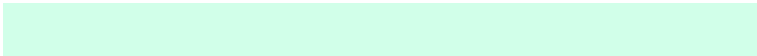
255, 184, 176

Sweetspot

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



101, 255, 182



209, 255, 233



175, 255, 101



99, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

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



101, 255, 182



71, 255, 168



101, 252, 255



115, 128, 121



0, 191, 101



0, 64, 34

Inverse Universe

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



255, 101, 174



255, 71, 158



255, 104, 101



128, 115, 121



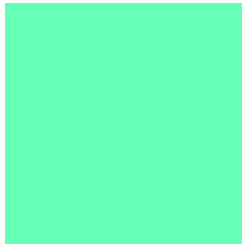
191, 0, 91



64, 0, 30

Previews

White Background



This preview shows how the RGB color 101, 255, 182 looks on a white background.

Color Contrast Check

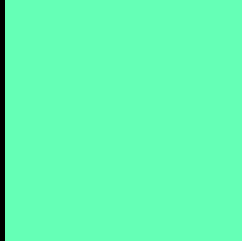
Large Text (above 18pt) WCAG AA × Fail

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 101, 255, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

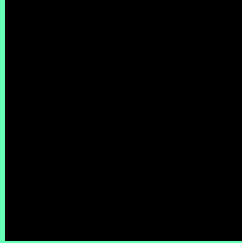
Any Text WCAG AA ✓ Pass

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 101, 255, 182 Background



This preview shows how black text looks on a background with the RGB color 101, 255, 182.

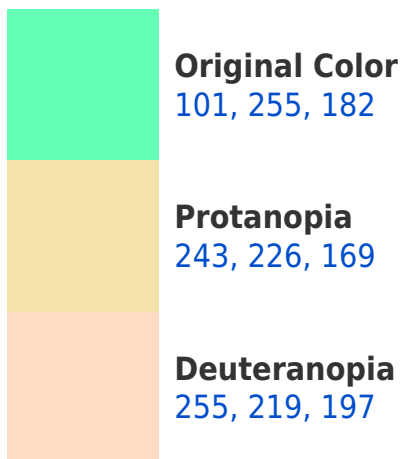


This preview shows how white text looks on a background with the RGB color 101, 255, 182.

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
161, 240, 255

Trichromacy



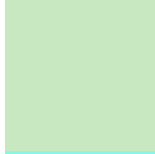
Original Color

101, 255, 182



Protanomaly

191, 237, 174



Deuteranomaly

199, 232, 192



Tritanomaly

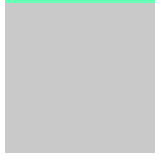
139, 245, 228

Monochromacy



Original Color

101, 255, 182



Achromatopsia

201, 201, 201



Achromatomaly

165, 221, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 101, 255, 182 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(101, 255, 182)` looks like.

```
.text, #text, p{  
    color:rgb(101, 255, 182)  
}
```

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(101, 255, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 255, 182) }
```

Border

The CSS property to change the border of an element to RGB 101, 255, 182 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(101, 255, 182) }
```

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

```
.border{ border-color:rgb(101, 255, 182) }
```

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

Here you see how a box with a 4 pixel rgb(101, 255, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 255, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 255, 182);  
box-shadow:4px 4px 4px 4px rgb(101, 255,  
182) }
```

Background

The CSS property to change the background color of an element to RGB 101, 255, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 255, 182) }
```

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

```
.background{ background-color: rgb(101,  
255, 182) }
```

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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