

Converting Colors

RGB(146, 244, 206)

Have a look what the booklet for
RGB(146, 244, 206) contains.

RGB(146, 244, 206)	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(146, 244, 206)

Conversions

Conversions Part 1

Format	Color
Hex	92F4CE
RGB	146, 244, 206
RGB Percent	57%, 96%, 81%
CMY	0.4275, 0.0431, 0.1922
CMYK	0.40, 0.00, 0.16, 0.04
HSL	157°, 82%, 76%
HSV	157°, 40%, 96%
XYZ	55.3453, 75.2686, 70.0038
YIQ	210.3660, -46.2100, -32.5940

Conversions

Conversions Part 2

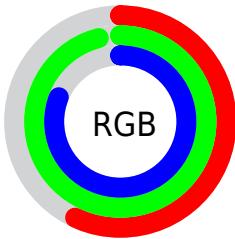
Format	Color
R_{YB}	146, 207, 244
Decimal	9630926
CIE _{Lab}	89.52, -37.30, 9.31
CIE _{LCh}	90, 38.440, 165.981
Yxy	75.2686, 0.2759, 0.3752
Android (android.graphics.Color)	4287821006 (0xFF92F4CE)
YUV	210.3660, -2.1524, -56.4490
Hunter-Lab	86.7575, -37.9548, 12.8897

Details

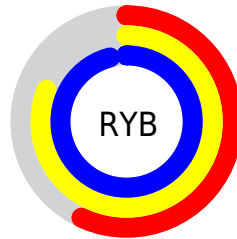
The RGB color **146, 244, 206** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **244, 146, 184**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **203, 255, 255**, and **90, 187, 152** is the 20% darker color. If you saturate the color by 10%, you get **122, 244, 197**, and if you desaturate by 10%, it is **170, 244, 215**.

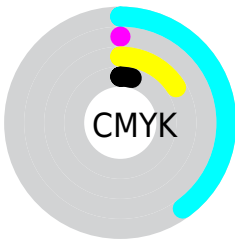
Distribution



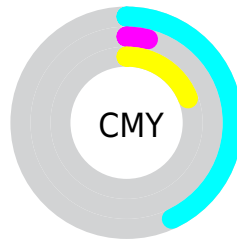
- Red (57%)
- Green (96%)
- Blue (81%)



- Red (57%)
- Yellow (81%)
- Blue (96%)



- Cyan (40%)
- Magenta (0%)
- Yellow (16%)
- Black (4%)



- Cyan (43%)
- Magenta (4%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 146, 244, 206 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 146, 244, 206 by changing the saturation by 10% instead.


 146, 244, 206

 146, 244, 206


255, 255, 255


 118, 215, 178


 203, 255, 255

 90, 187, 152

 233, 255, 255

 60, 160, 126

 26, 133, 101

 0, 108, 77

 0, 83, 54

 0, 59, 33

 0, 38, 10

 0, 0, 0

 146, 244, 206

 146, 244, 206

 122, 244, 197

 170, 244, 215

 97, 244, 187

 195, 244, 225

 73, 244, 178

 219, 244, 234

 48, 244, 168

 244, 244, 244

 24, 244, 159

 255, 244, 253

 0, 244, 149

 255, 244, 255

Harmonies

Analogous

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



189, 238, 173



146, 244, 206



110, 245, 244

Triad

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



146, 244, 206



206, 222, 255



255, 205, 174

Complementary

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



146, 244, 206



244, 146, 184

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, 198, 206



146, 244, 206



254, 209, 255

Square

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



146, 244, 206



150, 234, 255



255, 199, 244



255, 217, 154

Rectangle

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



146, 244, 206



103, 243, 255



255, 199, 244



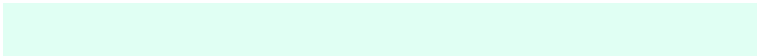
255, 202, 184

Sweetspot

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



146, 244, 206



224, 255, 243



185, 244, 146



110, 128, 121



0, 0, 0



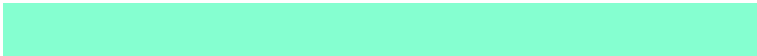
128, 128, 128

Same Dimension

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



146, 244, 206



133, 255, 208



146, 234, 244



110, 122, 118



0, 186, 114



0, 59, 36

Inverse Universe

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



244, 146, 184



255, 133, 180



244, 156, 146



122, 110, 115



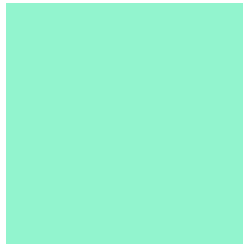
186, 0, 72



59, 0, 23

Previews

White Background



This preview shows how the RGB color 146, 244, 206 looks on a white background.

Color Contrast Check

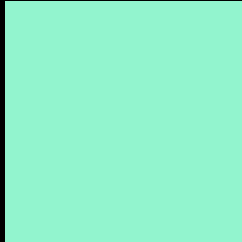
Large Text (above 18pt) WCAG AA × Fail

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 146, 244, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

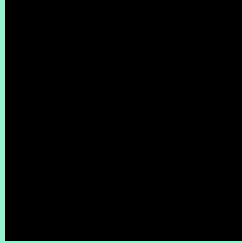
Any Text WCAG AA ✓ Pass

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 146, 244, 206 Background



This preview shows how black text looks on a background with the RGB color 146, 244, 206.



This preview shows how white text looks on a background with the RGB color 146, 244, 206.

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





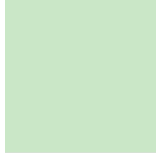
Tritanopia
161, 237, 255

Trichromacy



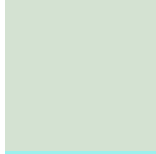
Original Color

146, 244, 206



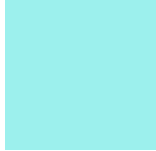
Protanomaly

202, 231, 199



Deuteranomaly

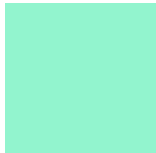
212, 226, 210



Tritanomaly

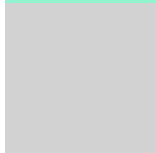
156, 240, 237

Monochromacy



Original Color

146, 244, 206



Achromatopsia

210, 210, 210



Achromatomaly

187, 222, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 146, 244, 206 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(146, 244, 206)` looks like.

```
.text, #text, p{  
    color:rgb(146, 244, 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(146, 244, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 244, 206) }
```

Border

The CSS property to change the border of an element to RGB 146, 244, 206 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(146, 244, 206) }
```

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

```
.border{ border-color:rgb(146, 244, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 244, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 244, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 244, 206);  
box-shadow:4px 4px 4px 4px rgb(146, 244,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 146, 244, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 244, 206) }
```

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

```
.background{ background-color: rgb(146,  
244, 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](#).

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