

Converting Colors

RGB(146, 228, 167)

Have a look what the booklet for
RGB(146, 228, 167) contains.

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Color

RGB(146, 228, 167)

Conversions

Conversions Part 1

Format	Color
Hex	92E4A7
RGB	146, 228, 167
RGB Percent	57%, 89%, 65%
CMY	0.4275, 0.1059, 0.3451
CMYK	0.36, 0.00, 0.27, 0.11
HSL	135°, 60%, 73%
HSV	135°, 36%, 89%
XYZ	46.5725, 64.3878, 46.5327
YIQ	196.5280, -29.2910, -36.3550

Conversions

Conversions Part 2

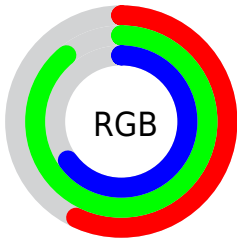
Format	Color
RYB	146, 211, 228
Decimal	9626791
CIELab	84.17, -37.57, 22.05
CIElCh	84, 43.565, 149.586
Yxy	64.3878, 0.2957, 0.4088
Android (android.graphics.Color)	4287816871 (0xFF92E4A7)
YUV	196.5280, -14.5573, -44.3131
Hunter-Lab	80.2420, -36.8220, 21.7869

Details

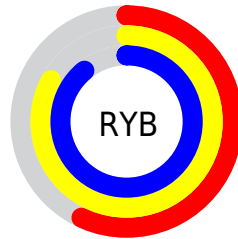
The RGB color **146, 228, 167** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **228, 146, 207**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **202, 255, 222**, and **92, 172, 115** is the 20% darker color. If you saturate the color by 10%, you get **123, 228, 150**, and if you desaturate by 10%, it is **169, 228, 184**.

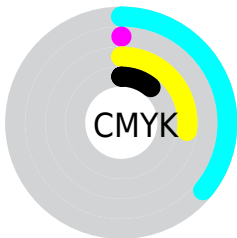
Distribution



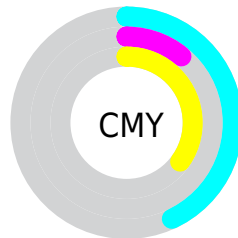
- Red (57%)
- Green (89%)
- Blue (65%)



- Red (57%)
- Yellow (83%)
- Blue (89%)



- Cyan (36%)
- Magenta (0%)
- Yellow (27%)
- Black (11%)



- Cyan (43%)
- Magenta (11%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 146, 228, 167 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, 228, 167 by changing the saturation by 10% instead.

 146, 228, 167


255, 255, 255


 202, 255, 222


 231, 255, 251

 146, 228, 167

 119, 200, 140

 92, 172, 115

 64, 145, 90

 36, 119, 66

 0, 94, 43

 0, 69, 21

 0, 46, 0

 0, 23, 0

 0, 0, 0

 146, 228, 167

 146, 228, 167

 123, 228, 150

 169, 228, 184

 100, 228, 133

 192, 228, 201

 78, 228, 116

 214, 228, 218

 55, 228, 99

 237, 228, 235

 32, 228, 82

 255, 228, 252

 9, 228, 65

 255, 228, 255

 0, 228, 58

Harmonies

Analogous

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



195, 220, 137



146, 228, 167



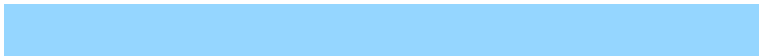
91, 232, 208

Triad

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



146, 228, 167



149, 214, 255



255, 181, 171

Complementary

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



146, 228, 167



228, 146, 207

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, 212



146, 228, 167



214, 200, 255

Square

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



146, 228, 167



77, 225, 255



255, 185, 252



255, 193, 140

Rectangle

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



146, 228, 167



52, 232, 236



255, 185, 252



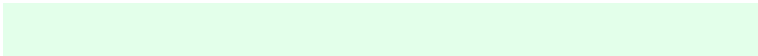
255, 179, 184

Sweetspot

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



146, 228, 167



227, 255, 234



208, 228, 146



111, 128, 115



0, 0, 0



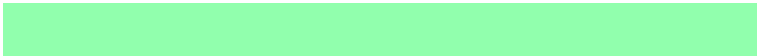
128, 128, 128

Same Dimension

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



146, 228, 167



145, 255, 173



146, 228, 208



103, 115, 106



0, 179, 46



0, 51, 13

Inverse Universe

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



228, 146, 207



255, 145, 227



228, 146, 166



115, 103, 112



179, 0, 133



51, 0, 38

Previews

White Background



This preview shows how the RGB color 146, 228, 167 looks on a white background.

Color Contrast Check

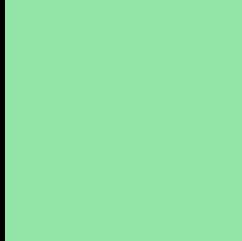
Large Text (above 18pt) WCAG AA × Fail

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, 228, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

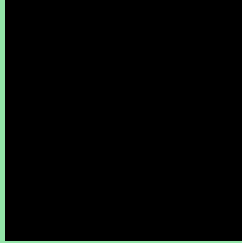
Any Text WCAG AA ✓ Pass

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, 228, 167 Background



This preview shows how black text looks on a background with the RGB color 146, 228, 167.

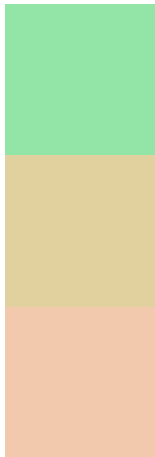


This preview shows how white text looks on a background with the RGB color 146, 228, 167.

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



Original Color
146, 228, 167

Protanopia
224, 209, 158

Deuteranopia
242, 201, 173



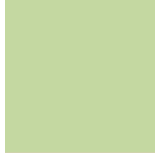
Tritanopia
160, 219, 236

Trichromacy



Original Color

146, 228, 167



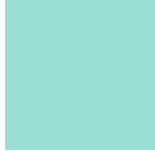
Protanomaly

196, 216, 161



Deuteranomaly

207, 211, 171



Tritanomaly

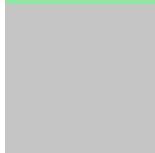
155, 222, 211

Monochromacy



Original Color

146, 228, 167



Achromatopsia

197, 197, 197



Achromatomaly

178, 208, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 146, 228, 167 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, 228, 167)` looks like.

```
.text, #text, p{  
    color:rgb(146, 228, 167)  
}
```

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, 228, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 228, 167) }
```

Border

The CSS property to change the border of an element to RGB 146, 228, 167 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, 228, 167) }
```

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

```
.border{ border-color:rgb(146, 228, 167) }
```

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

Here you see how a box with a 4 pixel rgb(146, 228, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 228, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 228, 167);  
box-shadow:4px 4px 4px 4px rgb(146, 228,  
167) }
```

Background

The CSS property to change the background color of an element to RGB 146, 228, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 228, 167) }
```

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

```
.background{ background-color: rgb(146,  
228, 167) }
```

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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