

Converting Colors

RGB(132, 206, 145)

Have a look what the booklet for
RGB(132, 206, 145) contains.

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Color

RGB(132, 206, 145)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 84CE91 |
| RGB | 132, 206, 145 |
| RGB Percent | 52%, 81%, 57% |
| CMY | 0.4824, 0.1922, 0.4314 |
| CMYK | 0.36, 0.00, 0.30, 0.19 |
| HSL | 131°, 43%, 66% |
| HSV | 131°, 36%, 81% |
| XYZ | 36.6979, 51.0925, 34.7157 |
| YIQ | 176.9200, -24.5230, -34.6590 |

Conversions

Conversions Part 2

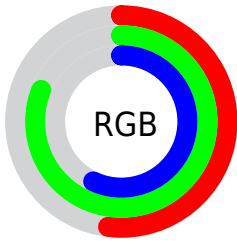
| Format | Color |
|-------------------------------------|--|
| RYB | 132, 195, 206 |
| Decimal | 8703633 |
| CIELab | 76.73, -35.63, 23.26 |
| CIElCh | 77, 42.551, 146.870 |
| Yxy | 51.0925, 0.2996, 0.4171 |
| Android (android.graphics.Color) | 4286893713 (0xFF84CE91) |
| YUV | 176.9200, -15.7366, -39.3948 |
| Hunter-Lab | 71.4790, -33.4450, 21.2395 |

Details

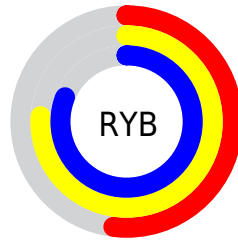
The RGB color **132, 206, 145** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **206, 132, 193**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **187, 255, 199**, and **79, 151, 94** is the 20% darker color. If you saturate the color by 10%, you get **111, 206, 128**, and if you desaturate by 10%, it is **153, 206, 162**.

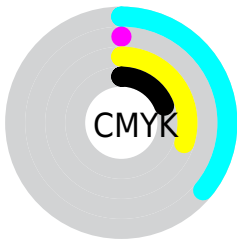
Distribution



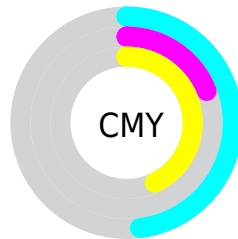
- Red (52%)
- Green (81%)
- Blue (57%)



- Red (52%)
- Yellow (76%)
- Blue (81%)



- Cyan (36%)
- Magenta (0%)
- Yellow (30%)
- Black (19%)



- Cyan (48%)
- Magenta (19%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 132, 206, 145 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 132, 206, 145 by changing the saturation by 10% instead.

 132, 206, 145


255, 255, 255

 187, 255, 199


 216, 255, 227


 245, 255, 255

 132, 206, 145

 105, 178, 119

 79, 151, 94

 52, 125, 70

 22, 100, 47

 0, 75, 25

 0, 51, 0

 0, 31, 0

 0, 0, 0

 132, 206, 145

 132, 206, 145

 111, 206, 128

 153, 206, 162

 91, 206, 111

 173, 206, 179

 70, 206, 94

 194, 206, 196

 50, 206, 77

 214, 206, 213

 29, 206, 60

 235, 206, 230

 8, 206, 43

 255, 206, 247

 0, 206, 36

 255, 206, 255

Harmonies

Analogous

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



179, 198, 118



132, 206, 145



76, 210, 184

Triad

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



132, 206, 145



123, 195, 255



255, 161, 156

Complementary

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



132, 206, 145



206, 132, 193

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, 195



132, 206, 145



188, 181, 255

Square

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



132, 206, 145



41, 205, 254



235, 167, 233



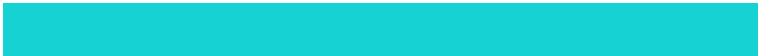
249, 172, 125

Rectangle

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



132, 206, 145



22, 210, 211



235, 167, 233



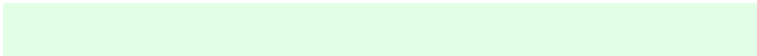
255, 159, 168

Sweetspot

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



132, 206, 145



227, 255, 232



194, 206, 132



111, 128, 114



0, 0, 0



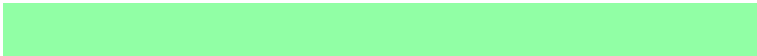
128, 128, 128

Same Dimension

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



132, 206, 145



145, 255, 165



132, 206, 181



92, 102, 94



0, 166, 29



0, 38, 7

Inverse Universe

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



206, 132, 193



255, 145, 236



206, 132, 157



102, 92, 100



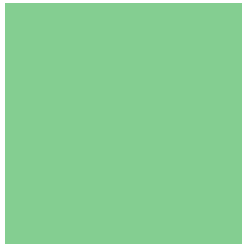
166, 0, 137



38, 0, 32

Previews

White Background



This preview shows how the RGB color 132, 206, 145 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 132, 206, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

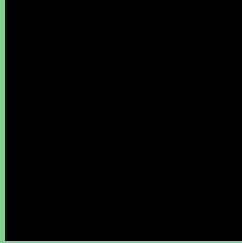
Any Text WCAG AA ✓ Pass

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 132, 206, 145 Background



This preview shows how black text looks on a background with the RGB color 132, 206, 145.

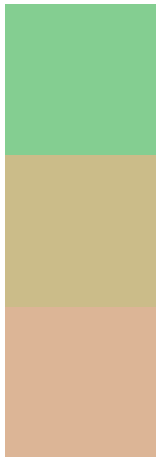


This preview shows how white text looks on a background with the RGB color 132, 206, 145.

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
132, 206, 145

Protanopia
203, 188, 137

Deuteranopia
220, 181, 150



Tritanopia
146, 197, 213

Trichromacy



Original Color

132, 206, 145



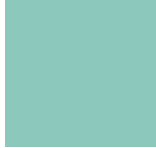
Protanomaly

177, 195, 140



Deuteranomaly

188, 190, 148



Tritanomaly

141, 200, 188

Monochromacy



Original Color

132, 206, 145



Achromatopsia

177, 177, 177



Achromatomaly

161, 188, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 132, 206, 145 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(132, 206, 145)` looks like.

```
.text, #text, p{  
    color:rgb(132, 206, 145)  
}
```

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(132, 206, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 206, 145) }
```

Border

The CSS property to change the border of an element to RGB 132, 206, 145 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(132, 206, 145) }
```

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

```
.border{ border-color:rgb(132, 206, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 206, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 206, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 206, 145);  
box-shadow:4px 4px 4px 4px rgb(132, 206,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 132, 206, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 206, 145) }
```

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

```
.background{ background-color: rgb(132,  
206, 145) }
```

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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