

Converting Colors

RGB(142, 214, 181)

Have a look what the booklet for
RGB(142, 214, 181) contains.

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Color

RGB(142, 214, 181)

Conversions

Conversions Part 1

Format	Color
Hex	8ED6B5
RGB	142, 214, 181
RGB Percent	56%, 84%, 71%
CMY	0.4431, 0.1608, 0.2902
CMYK	0.34, 0.00, 0.15, 0.16
HSL	153°, 47%, 70%
HSV	153°, 34%, 84%
XYZ	43.5424, 57.1801, 52.4580
YIQ	188.7100, -32.3190, -25.5270

Conversions

Conversions Part 2

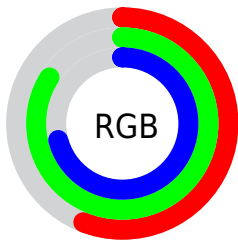
Format	Color
RYB	142, 189, 214
Decimal	9361077
CIELab	80.28, -29.56, 9.21
CIELCh	80, 30.962, 162.689
Yxy	57.1801, 0.2843, 0.3733
Android (android.graphics.Color)	4287551157 (0xFF8ED6B5)
YUV	188.7100, -3.8010, -40.9647
Hunter-Lab	75.6175, -29.5461, 11.8011

Details

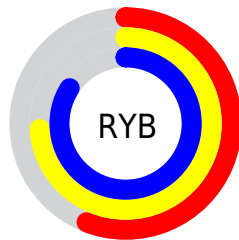
The RGB color **142, 214, 181** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **214, 142, 175**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **198, 255, 237**, and **89, 159, 128** is the 20% darker color. If you saturate the color by 10%, you get **121, 214, 171**, and if you desaturate by 10%, it is **163, 214, 191**.

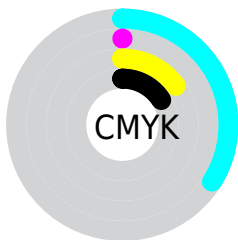
Distribution



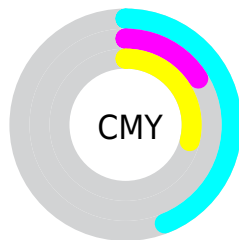
- Red (56%)
- Green (84%)
- Blue (71%)



- Red (56%)
- Yellow (74%)
- Blue (84%)



- Cyan (34%)
- Magenta (0%)
- Yellow (15%)
- Black (16%)



- Cyan (44%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 142, 214, 181 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 142, 214, 181 by changing the saturation by 10% instead.


 142, 214, 181

 142, 214, 181


255, 255, 255

 115, 186, 154


 198, 255, 237

 89, 159, 128


 226, 255, 255

 62, 133, 103

 35, 107, 79

 0, 82, 56

 0, 59, 35

 0, 37, 13

 0, 2, 0

 0, 0, 0

 142, 214, 181

 142, 214, 181

 121, 214, 171

 163, 214, 191

 99, 214, 161

 185, 214, 201

 78, 214, 152

 206, 214, 210

 56, 214, 142

 228, 214, 220

 35, 214, 132

 249, 214, 230

 14, 214, 122

 255, 214, 240

 0, 214, 116

 255, 214, 250

 255, 214, 255

Harmonies

Analogous

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



175, 209, 156



142, 214, 181



116, 215, 211

Triad

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



142, 214, 181



180, 198, 255



253, 183, 161

Complementary

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



142, 214, 181



214, 142, 175

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, 188



142, 214, 181



219, 188, 242

Square

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



142, 214, 181



139, 207, 254



246, 180, 217



235, 192, 145

Rectangle

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



142, 214, 181



110, 214, 229



246, 180, 217



255, 181, 169

Sweetspot

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



142, 214, 181



230, 255, 243



176, 214, 142



112, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



142, 214, 181



153, 255, 208



142, 212, 214



96, 107, 102



0, 171, 93



0, 43, 23

Inverse Universe

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



214, 142, 175



255, 153, 200



214, 144, 142



107, 96, 101



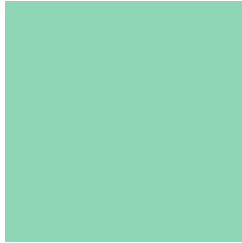
171, 0, 78



43, 0, 20

Previews

White Background



This preview shows how the RGB color 142, 214, 181 looks on a white background.

Color Contrast Check

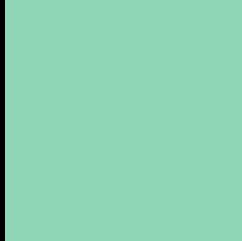
Large Text (above 18pt) WCAG AA × Fail

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 142, 214, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

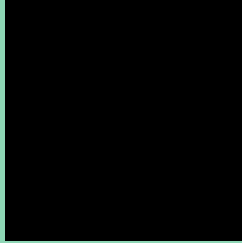
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

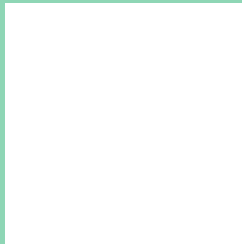
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 142, 214, 181 Background



This preview shows how black text looks on a background with the RGB color 142, 214, 181.

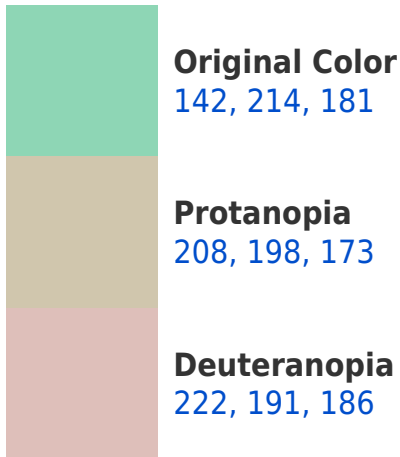


This preview shows how white text looks on a background with the RGB color 142, 214, 181.

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
151, 208, 225

Trichromacy



Original Color

142, 214, 181



Protanomaly

184, 204, 176



Deuteranomaly

193, 199, 184



Tritanomaly

148, 210, 209

Monochromacy



Original Color

142, 214, 181



Achromatopsia

189, 189, 189



Achromatomaly

172, 198, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 142, 214, 181 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(142, 214, 181)` looks like.

```
.text, #text, p{  
    color:rgb(142, 214, 181)  
}
```

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(142, 214, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 214, 181) }
```

Border

The CSS property to change the border of an element to RGB 142, 214, 181 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(142, 214, 181) }
```

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

```
.border{ border-color:rgb(142, 214, 181) }
```

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

Here you see how a box with a 4 pixel rgb(142, 214, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 214, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 214, 181);  
box-shadow:4px 4px 4px 4px rgb(142, 214,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 142, 214, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 214, 181) }
```

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

```
.background{ background-color: rgb(142,  
214, 181) }
```

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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