

# Converting Colors

RGB(144, 191, 162)

Have a look what the booklet for  
RGB(144, 191, 162) contains.

<b>RGB(144, 191, 162)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**RGB(144, 191, 162)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90BFA2
RGB	144, 191, 162
RGB Percent	56%, 75%, 64%
CMY	0.4353, 0.2510, 0.3647
CMYK	0.25, 0.00, 0.15, 0.25
HSL	143°, 27%, 66%
HSV	143°, 25%, 75%
XYZ	36.6540, 45.7995, 41.0907
YIQ	173.6410, -18.7030, -18.9830

# Conversions

## Conversions Part 2

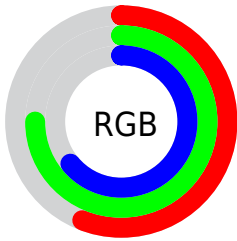
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 178, 191
Decimal	9486242
CIELab	73.42, -21.47, 9.63
CIELCh	73, 23.532, 155.832
Yxy	45.7995, 0.2967, 0.3707
Android (android.graphics.Color)	4287676322 (0xFF90BFA2)
YUV	173.6410, -5.7390, -25.9952
Hunter-Lab	67.6754, -21.7536, 11.3734

# Details

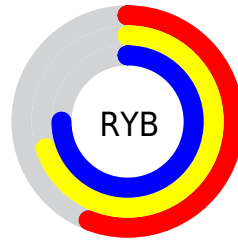
The RGB color **144, 191, 162** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **191, 144, 173**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **199, 248, 217**, and **92, 137, 110** is the 20% darker color. If you saturate the color by 10%, you get **125, 191, 150**, and if you desaturate by 10%, it is **163, 191, 174**.

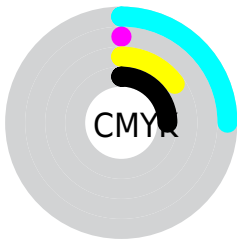
# Distribution



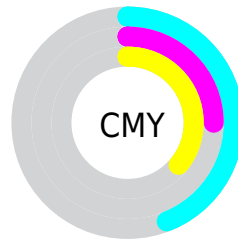
- Red (56%)
- Green (75%)
- Blue (64%)



- Red (56%)
- Yellow (70%)
- Blue (75%)



- Cyan (25%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)




- Cyan (44%)
- Magenta (25%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 144, 191, 162 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 144, 191, 162 by changing the saturation by 10% instead.




 144, 191, 162


255, 255, 255

 199, 248, 217

 227, 255, 245

 144, 191, 162

 118, 164, 136

 92, 137, 110

 68, 112, 86

 44, 87, 63


 20, 64, 41

 0, 41, 20

 0, 20, 0


 0, 0, 0

 144, 191, 162


 144, 191, 162


 125, 191, 150


 163, 191, 174


 106, 191, 138


 182, 191, 186

 87, 191, 127

 201, 191, 197

 68, 191, 115


 220, 191, 209

 49, 191, 103


 239, 191, 221

 29, 191, 91

 255, 191, 233

 10, 191, 80

 255, 191, 244

 0, 191, 73

 255, 191, 255

# Harmonies

## Analogous

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



168, 187, 145



144, 191, 162



125, 193, 184

# Triad

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



144, 191, 162



160, 181, 223



223, 167, 156

# Complementary

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



144, 191, 162



191, 144, 173

# 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.



224, 165, 177



144, 191, 162



189, 173, 215

# Square

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



144, 191, 162



133, 187, 219



212, 167, 198



212, 173, 142

# Rectangle

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



144, 191, 162



119, 192, 198



212, 167, 198



225, 166, 163



# Sweetspot

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



144, 191, 162



230, 247, 237



174, 191, 144



115, 125, 119



252, 252, 252



125, 125, 125

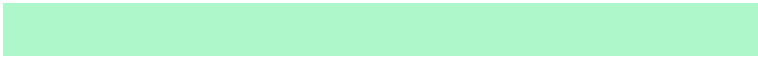


# Same Dimension

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



144, 191, 162



173, 247, 202



144, 191, 185



85, 94, 89



0, 158, 61



0, 31, 12



# Inverse Universe

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



191, 144, 173



247, 173, 219



191, 144, 150



94, 85, 91



158, 0, 98



31, 0, 19



# Previews

## White Background



This preview shows how the RGB color 144, 191, 162 looks on a white background.

## Color Contrast Check

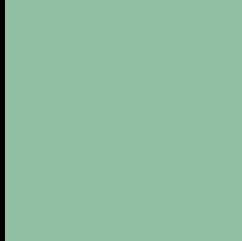
Large Text (above 18pt) WCAG AA × Fail

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 144, 191, 162 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

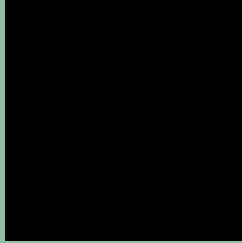
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 144, 191, 162 Background



This preview shows how black text looks on a background with the RGB color 144, 191, 162.

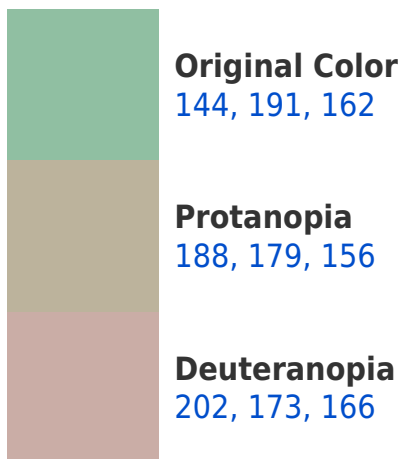


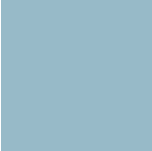
This preview shows how white text looks on a background with the RGB color 144, 191, 162.

# 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, 186, 200

# Trichromacy



**Original Color**

144, 191, 162

**Protanomaly**

172, 183, 158

**Deuteranomaly**

181, 180, 165

**Tritanomaly**

148, 188, 186

# Monochromacy



**Original Color**

144, 191, 162

**Achromatopsia**

174, 174, 174

**Achromatomaly**

163, 180, 170

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 144, 191, 162 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(144, 191, 162)` looks like.

```
.text, #text, p{  
    color:rgb(144, 191, 162)  
}
```

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(144, 191, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 191, 162) }
```

## Border

The CSS property to change the border of an element to RGB 144, 191, 162 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(144, 191, 162) }
```

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

```
.border{ border-color:rgb(144, 191, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 191, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 191, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 191, 162);  
box-shadow:4px 4px 4px 4px rgb(144, 191,  
162) }
```

# Background

The CSS property to change the background color of an element to RGB 144, 191, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 191, 162) }
```

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

```
.background{ background-color: rgb(144,  
191, 162) }
```

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