

# Converting Colors

RGB(150, 216, 187)

Have a look what the booklet for  
RGB(150, 216, 187) contains.

<b>RGB(150, 216, 187)</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(150, 216, 187)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96D8BB
RGB	150, 216, 187
RGB Percent	59%, 85%, 73%
CMY	0.4118, 0.1529, 0.2667
CMYK	0.31, 0.00, 0.13, 0.15
HSL	154°, 46%, 72%
HSV	154°, 31%, 85%
XYZ	46.1032, 59.1836, 56.0074
YIQ	192.9600, -30.0270, -23.0110

# Conversions

## Conversions Part 2

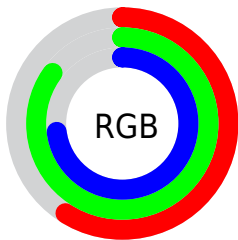
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 192, 216
Decimal	9885883
CIELab	81.39, -26.94, 7.67
CIELCh	81, 28.009, 164.106
Yxy	59.1836, 0.2858, 0.3669
Android (android.graphics.Color)	4288075963 (0xFF96D8BB)
YUV	192.9600, -2.9383, -37.6759
Hunter-Lab	76.9309, -27.6575, 10.6872

# Details

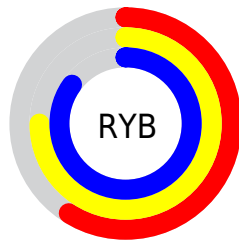
The RGB color **150, 216, 187** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **216, 150, 179**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **206, 255, 243**, and **97, 161, 134** is the 20% darker color. If you saturate the color by 10%, you get **128, 216, 178**, and if you desaturate by 10%, it is **172, 216, 196**.

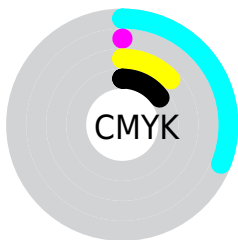
# Distribution



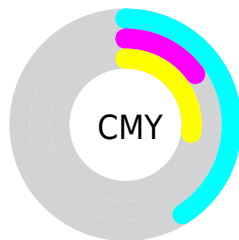
- Red (59%)
- Green (85%)
- Blue (73%)



- Red (59%)
- Yellow (75%)
- Blue (85%)



- Cyan (31%)
- Magenta (0%)
- Yellow (13%)
- Black (15%)



- Cyan (41%)
- Magenta (15%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 150, 216, 187 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 150, 216, 187 by changing the saturation by 10% instead.




 150, 216, 187


255, 255, 255


 206, 255, 243

 234, 255, 255

 150, 216, 187

 123, 188, 160


 97, 161, 134

 71, 134, 109

 45, 109, 84

 16, 84, 61

 0, 61, 39

 0, 38, 19

 0, 10, 0

 0, 0, 0

 150, 216, 187

 150, 216, 187

 128, 216, 178

 172, 216, 196

 107, 216, 168

 193, 216, 206

 85, 216, 159

 215, 216, 215

 64, 216, 149

 236, 216, 225

 42, 216, 140

 255, 216, 234

 20, 216, 130

 255, 216, 244

 0, 216, 121

 255, 216, 253

 255, 216, 255

# Harmonies

## Analogous

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



179, 212, 164



150, 216, 187



129, 217, 214

# Triad

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



150, 216, 187



187, 200, 253



251, 188, 167

# Complementary

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



150, 216, 187



216, 150, 179

# 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, 183, 191



150, 216, 187



222, 191, 240

# Square

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



150, 216, 187



152, 209, 252



246, 185, 217



234, 196, 152

# Rectangle

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



150, 216, 187



126, 216, 231



246, 185, 217



254, 186, 174

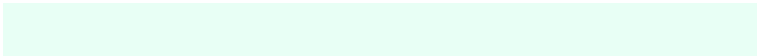


# Sweetspot

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



150, 216, 187



232, 255, 245



180, 216, 150



113, 128, 121



0, 0, 0



128, 128, 128

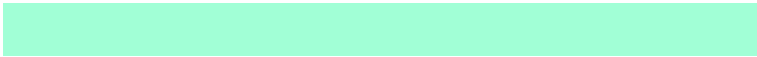


# Same Dimension

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



150, 216, 187



161, 255, 214



150, 213, 216



96, 107, 102



0, 171, 96



0, 43, 24



# Inverse Universe

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



216, 150, 179



255, 161, 202



216, 153, 150



107, 96, 101



171, 0, 75

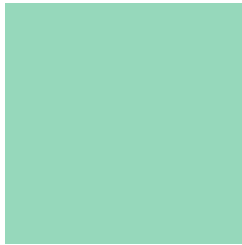


43, 0, 19



# Previews

## White Background



This preview shows how the RGB color 150, 216, 187 looks on a white background.

## Color Contrast Check

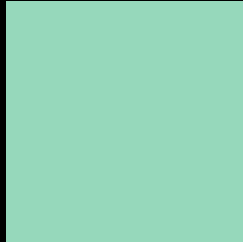
Large Text (above 18pt) WCAG AA × Fail

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 150, 216, 187 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

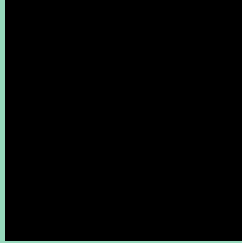
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

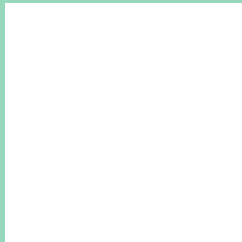
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 150, 216, 187 Background



This preview shows how black text looks on a background with the RGB color 150, 216, 187.



This preview shows how white text looks on a background with the RGB color 150, 216, 187.

# 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**  
150, 216, 187

**Protanopia**  
210, 201, 179

**Deuteranopia**  
225, 195, 191



**Tritanopia**  
158, 210, 227

# Trichromacy



**Original Color**

150, 216, 187



**Protanomaly**

188, 206, 182



**Deuteranomaly**

198, 203, 190



**Tritanomaly**

155, 212, 212

# Monochromacy



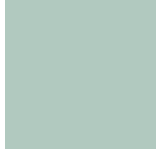
**Original Color**

150, 216, 187



**Achromatopsia**

193, 193, 193



**Achromatomaly**

177, 201, 191

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 150, 216, 187 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(150, 216, 187)` looks like.

```
.text, #text, p{  
    color:rgb(150, 216, 187)  
}
```

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(150, 216, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 216, 187) }
```

## Border

The CSS property to change the border of an element to RGB 150, 216, 187 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(150, 216, 187) }
```

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

```
.border{ border-color:rgb(150, 216, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 216, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 216, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 216, 187);  
box-shadow:4px 4px 4px 4px rgb(150, 216,  
187) }
```

# Background

The CSS property to change the background color of an element to RGB 150, 216, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 216, 187) }
```

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

```
.background{ background-color: rgb(150,  
216, 187) }
```

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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