

# Converting Colors

RGB(132, 188, 165)

Have a look what the booklet for  
RGB(132, 188, 165) contains.

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# **Color**

**RGB(132, 188, 165)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84BCA5
RGB	132, 188, 165
RGB Percent	52%, 74%, 65%
CMY	0.4824, 0.2627, 0.3529
CMYK	0.30, 0.00, 0.12, 0.26
HSL	155°, 29%, 63%
HSV	155°, 30%, 74%
XYZ	34.2905, 43.5886, 42.2034
YIQ	168.6340, -25.9930, -19.0250

# Conversions

## Conversions Part 2

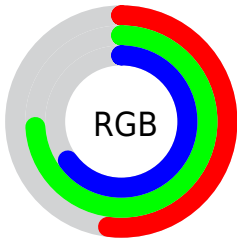
Format	Color
<a href="#">RYB</a>	<a href="#">132, 167, 188</a>
Decimal	<a href="#">8699045</a>
CIELab	<a href="#">71.95, -23.16, 5.82</a>
CIElCh	<a href="#">72, 23.882, 165.896</a>
Yxy	<a href="#">43.5886, 0.2856, 0.3630</a>
Android (android.graphics.Color)	<a href="#">4286889125 (0xFF84BCA5)</a>
YUV	<a href="#">168.6340, -1.7916, -32.1280</a>
Hunter-Lab	<a href="#">66.0217, -22.8282, 8.3148</a>

# Details

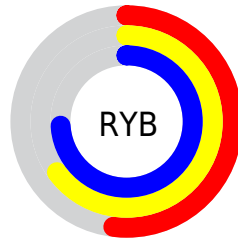
The RGB color **132, 188, 165** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **188, 132, 155**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **186, 244, 220**, and **80, 134, 113** is the 20% darker color. If you saturate the color by 10%, you get **113, 188, 157**, and if you desaturate by 10%, it is **151, 188, 173**.

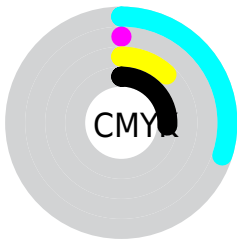
# Distribution



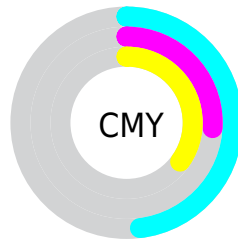
- Red (52%)
- Green (74%)
- Blue (65%)



- Red (52%)
- Yellow (65%)
- Blue (74%)



- Cyan (30%)
- Magenta (0%)
- Yellow (12%)
- Black (26%)



- Cyan (48%)
- Magenta (26%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 132, 188, 165 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, 188, 165 by changing the saturation by 10% instead.



 132, 188, 165

255, 255, 255


 186, 244, 220

 215, 255, 248


 243, 255, 255

 132, 188, 165

 106, 161, 139

 80, 134, 113

 55, 109, 89

 30, 84, 65

 0, 61, 43

 0, 39, 23


 0, 13, 0


 0, 0, 0


 132, 188, 165


 132, 188, 165


 113, 188, 157


 151, 188, 173

 94, 188, 150


 170, 188, 180


 76, 188, 142


 188, 188, 188

 57, 188, 134


 207, 188, 196

 38, 188, 126

 226, 188, 204

 19, 188, 119

 245, 188, 211

 0, 188, 111

 255, 188, 219

 0, 188, 111

 255, 188, 227

 255, 188, 234

# Harmonies

## Analogous

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



156, 184, 145



132, 188, 165



116, 189, 187

# Triad

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



132, 188, 165



166, 174, 218



217, 165, 146

# Complementary

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



132, 188, 165



188, 132, 155

# 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.



221, 161, 165



132, 188, 165



194, 167, 207

# Square

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



132, 188, 165



137, 181, 218



214, 162, 188



202, 171, 135

# Rectangle

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



132, 188, 165



114, 188, 201



214, 162, 188



219, 163, 152

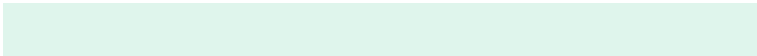


# Sweetspot

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



132, 188, 165



223, 245, 236



155, 188, 132



109, 122, 117



250, 250, 250



122, 122, 122



# Same Dimension

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



132, 188, 165



157, 245, 209



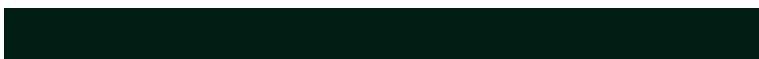
132, 183, 188



85, 94, 90



0, 158, 93



0, 31, 18



# Inverse Universe

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



188, 132, 155



245, 157, 193



188, 137, 132



94, 85, 89



158, 0, 65



31, 0, 13



# Previews

## White Background



This preview shows how the RGB color 132, 188, 165 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, 188, 165 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

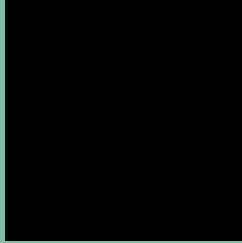
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 132, 188, 165 Background



This preview shows how black text looks on a background with the RGB color 132, 188, 165.

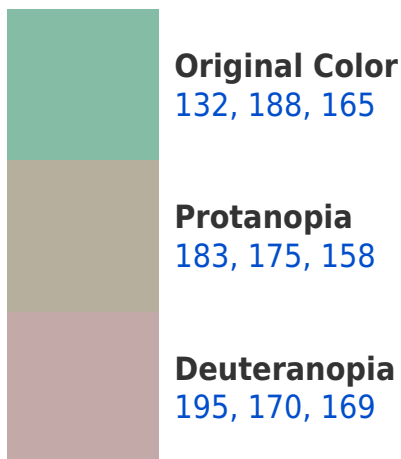


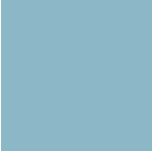
This preview shows how white text looks on a background with the RGB color 132, 188, 165.

# 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](#).

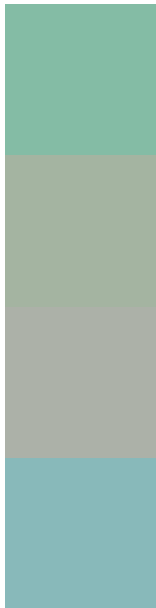
## Dichromacy





**Tritanopia**  
139, 183, 198

# Trichromacy



**Original Color**

132, 188, 165

**Protanomaly**

164, 180, 161

**Deuteranomaly**

172, 177, 168

**Tritanomaly**

136, 185, 186

# Monochromacy



**Original Color**

132, 188, 165

**Achromatopsia**

169, 169, 169

**Achromatomaly**

156, 176, 168

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 132, 188, 165 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, 188, 165)` looks like.

```
.text, #text, p{  
    color:rgb(132, 188, 165)  
}
```

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, 188, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 188, 165) }
```

## Border

The CSS property to change the border of an element to RGB 132, 188, 165 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, 188, 165) }
```

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

```
.border{ border-color:rgb(132, 188, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 188, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 188, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 188, 165);  
box-shadow:4px 4px 4px 4px rgb(132, 188,  
165) }
```

# Background

The CSS property to change the background color of an element to RGB 132, 188, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 188, 165) }
```

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

```
.background{ background-color: rgb(132,  
188, 165) }
```

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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