

Converting Colors

`RYB(152, 192, 216)`

Have a look what the booklet for
RYB(152, 192, 216) contains.

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Color

R_YB(152, 192, 216)

Conversions

Conversions Part 1

Format	Color
Hex	98D8BE
RGB	152, 216, 190
RGB Percent	60%, 85%, 75%
CMY	0.4039, 0.1529, 0.2533
CMYK	0.30, 0.00, 0.12, 0.15
HSL	156°, 45%, 72%
HSV	156°, 30%, 85%
XYZ	46.8428, 59.5224, 57.9648
YIQ	193.9000, -29.7980, -21.6540

Conversions

Conversions Part 2

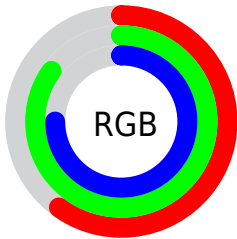
Format	Color
RYB	152, 192, 216
Decimal	10016958
CIELab	81.58, -25.65, 6.14
CIElCh	82, 26.374, 166.527
Yxy	59.5224, 0.2851, 0.3622
Android (android.graphics.Color)	4288207038 (0xFF98D8BE)
YUV	193.9000, -1.9227, -36.7463
Hunter-Lab	77.1507, -26.6358, 9.4598

Details

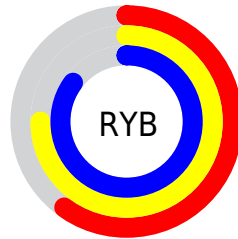
The RYB color **152, 192, 216** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **216, 152, 178**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **208, 234, 255**, and **99, 137, 161** is the 20% darker color. If you saturate the color by 10%, you get **130, 184, 216**, and if you desaturate by 10%, it is **174, 200, 216**.

Distribution



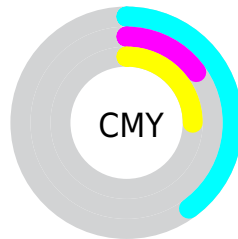
- Red (60%)
- Green (85%)
- Blue (75%)



- Red (60%)
- Yellow (75%)
- Blue (85%)



- Cyan (30%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)




- Cyan (40%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 192, 216 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 RYB color 152, 192, 216 by changing the saturation by 10% instead.

 152, 192, 216


255, 255, 255


 208, 234, 255

 236, 246, 255

 152, 192, 216


 125, 164, 188

 99, 137, 161


 73, 111, 135

 47, 85, 109

 19, 57, 84

 0, 36, 61


 0, 25, 39

 0, 11, 11


 0, 0, 0

 152, 192, 216


 152, 192, 216

 130, 184, 216


 174, 200, 216

 109, 176, 216


 195, 208, 216

 87, 168, 216


 217, 216, 216

 66, 160, 216

 238, 216, 225

 44, 152, 216

 255, 216, 234

 22, 143, 216

 255, 216, 242

 1, 135, 216

 255, 216, 251

 0, 135, 216

 255, 216, 255

Harmonies

Analogous

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



168, 212, 201



152, 192, 216



134, 176, 217

Triad

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



152, 192, 216



192, 199, 250



248, 198, 168

Complementary

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



152, 192, 216



216, 152, 178

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.



254, 185, 190



152, 192, 216



223, 192, 237

Square

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



152, 192, 216



159, 191, 250



245, 186, 215



219, 232, 155

Rectangle

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



152, 192, 216



133, 178, 231



245, 186, 215



251, 191, 174

Sweetspot

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



152, 192, 216



232, 246, 255



152, 216, 190



113, 122, 128



0, 0, 0



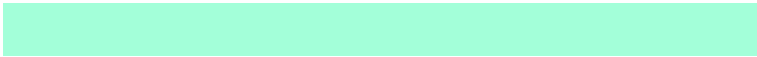
128, 128, 128

Same Dimension

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



152, 192, 216



163, 221, 255



152, 182, 216



96, 103, 107



0, 107, 171



0, 27, 43

Inverse Universe

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



216, 152, 178



255, 163, 200



216, 159, 152



107, 96, 101



171, 0, 68



43, 0, 17

Previews

White Background



This preview shows how the RYB color 152, 192, 216 looks on a white background.

Color Contrast Check

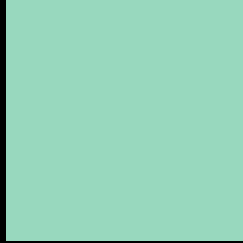
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 152, 192, 216 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](#).

RYB 152, 192, 216 Background



This preview shows how black text looks on a background with the RYB color 152, 192, 216.

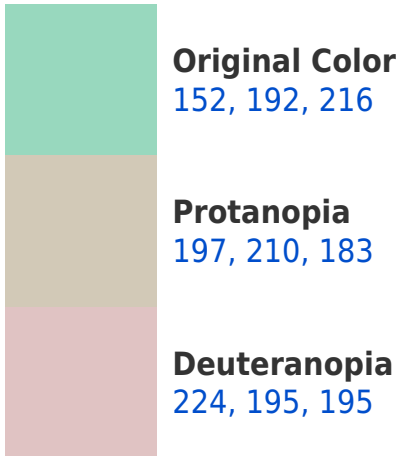


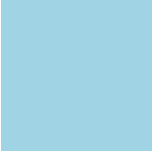
This preview shows how white text looks on a background with the RYB color 152, 192, 216.

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
160, 189, 228

Trichromacy



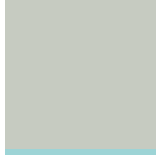
Original Color

152, 192, 216



Protanomaly

186, 206, 203



Deuteranomaly

193, 203, 198



Tritanomaly

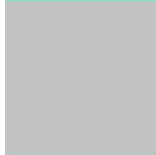
157, 185, 214

Monochromacy



Original Color

152, 192, 216



Achromatopsia

194, 194, 194



Achromatomaly

179, 193, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 152, 192, 216 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(152, 216, 190) looks like.

```
.text, #text, p{  
    color:rgb(152, 216, 190)  
}
```

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(152, 216, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 216, 190) }
```

Border

The CSS property to change the border of an element to RYB 152, 192, 216 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(152, 216, 190) }
```

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

```
.border{ border-color:rgb(152, 216, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 216, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 216, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 216, 190); box-shadow:4px 4px 4px 4px rgb(152, 216, 190) }
```

Background

The CSS property to change the background color of an element to RYB 152, 192, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 216, 190) }
```

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

```
.background{ background-color: rgb(152,  
216, 190) }
```

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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