

Converting Colors

`RYB(142, 190, 208)`

Have a look what the booklet for
RYB(142, 190, 208) contains.

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Color

R_YB(142, 190, 208)

Conversions

Conversions Part 1

Format	Color
Hex	8ED0A7
RGB	142, 208, 167
RGB Percent	56%, 82%, 65%
CMY	0.4431, 0.1843, 0.3461
CMYK	0.32, 0.00, 0.20, 0.18
HSL	142°, 41%, 69%
HSV	142°, 32%, 82%
XYZ	40.6632, 53.6433, 44.6492
YIQ	183.5920, -26.1750, -26.7430

Conversions

Conversions Part 2

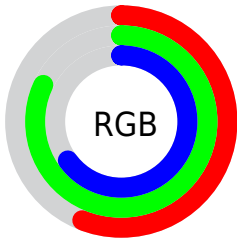
Format	Color
RYB	142, 190, 208
Decimal	9359527
CIELab	78.25, -29.51, 13.92
CIELCh	78, 32.628, 154.749
Yxy	53.6433, 0.2926, 0.3860
Android (android.graphics.Color)	4287549607 (0xFF8ED0A7)
YUV	183.5920, -8.1799, -36.4762
Hunter-Lab	73.2416, -29.0710, 15.1250

Details

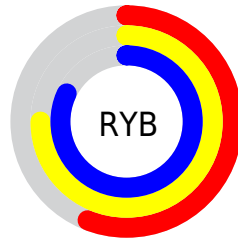
The RYB color **142, 190, 208** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **208, 142, 183**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **197, 238, 255**, and **89, 135, 153** is the 20% darker color. If you saturate the color by 10%, you get **121, 184, 208**, and if you desaturate by 10%, it is **163, 196, 208**.

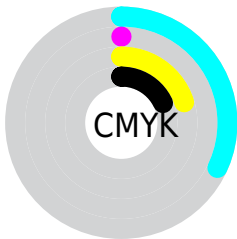
Distribution



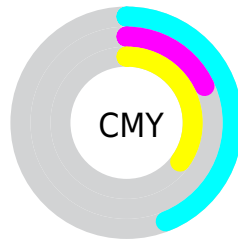
- Red (56%)
- Green (82%)
- Blue (65%)



- Red (56%)
- Yellow (75%)
- Blue (82%)



- Cyan (32%)
- Magenta (0%)
- Yellow (20%)
- Black (18%)



- Cyan (44%)
- Magenta (18%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 190, 208 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 142, 190, 208 by changing the saturation by 10% instead.

 142, 190, 208


255, 255, 255


 197, 238, 255

 226, 242, 255

 142, 190, 208

 115, 162, 180

 89, 135, 153

 63, 108, 127

 37, 81, 102

 5, 52, 77


 0, 38, 54

 0, 34, 34


 0, 0, 0

 142, 190, 208


 142, 190, 208

 121, 184, 208


 163, 196, 208

 100, 178, 208


 184, 201, 208

 80, 173, 208


 204, 207, 208

 59, 167, 208

 225, 208, 219

 38, 162, 208

 246, 208, 232

 17, 156, 208

 255, 208, 245

 0, 151, 208

 255, 208, 255

Harmonies

Analogous

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



143, 202, 168



142, 190, 208



110, 163, 210

Triad

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



142, 190, 208



161, 186, 253



252, 177, 160

Complementary

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



142, 190, 208



208, 142, 183

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.



253, 171, 190



142, 190, 208



204, 184, 243

Square

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



142, 190, 208



119, 170, 248



236, 175, 220



237, 217, 140

Rectangle

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



142, 190, 208



98, 156, 218



236, 175, 220



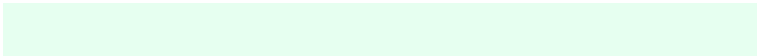
254, 172, 170

Sweetspot

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



142, 190, 208



230, 248, 255



142, 208, 166



112, 124, 128



0, 0, 0



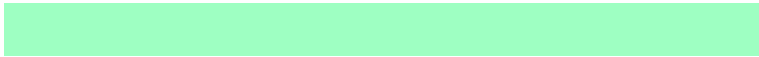
128, 128, 128

Same Dimension

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



142, 190, 208



158, 229, 255



142, 177, 208



94, 102, 105



0, 122, 168



0, 30, 41

Inverse Universe

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



208, 142, 183



255, 158, 219



208, 142, 151



105, 94, 101



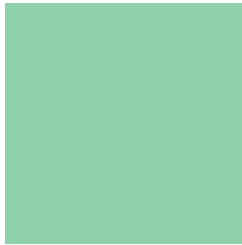
168, 0, 105



41, 0, 26

Previews

White Background



This preview shows how the RYB color 142, 190, 208 looks on a white background.

Color Contrast Check

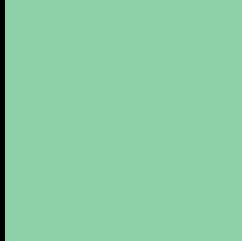
Large Text (above 18pt) WCAG AA × Fail

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 142, 190, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

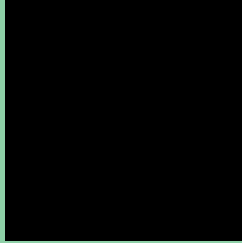
Any Text WCAG AA ✓ Pass

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 142, 190, 208 Background



This preview shows how black text looks on a background with the RYB color 142, 190, 208.

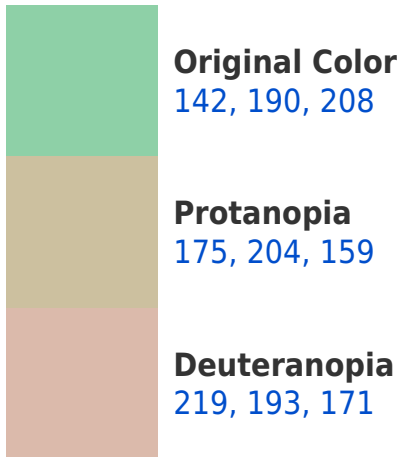


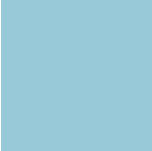
This preview shows how white text looks on a background with the RYB color 142, 190, 208.

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
152, 180, 217

Trichromacy



Original Color
142, 190, 208

Protanomaly
162, 198, 179

Deuteranomaly
169, 194, 172

Tritanomaly
148, 177, 204

Monochromacy



Original Color
142, 190, 208

Achromatopsia
184, 184, 184

Achromatomaly
169, 186, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 190, 208 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, 208, 167)` looks like.

```
.text, #text, p{  
    color:rgb(142, 208, 167)  
}
```

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, 208, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 208, 167) }
```

Border

The CSS property to change the border of an element to RYB 142, 190, 208 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, 208, 167) }
```

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

```
.border{ border-color:rgb(142, 208, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 208, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 208, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 208, 167);  
box-shadow:4px 4px 4px 4px rgb(142, 208,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 142, 190, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 208, 167) }
```

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

```
.background{ background-color: rgb(142,  
208, 167) }
```

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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