

Converting Colors

`RYB(142, 201, 206)`

Have a look what the booklet for
RYB(142, 201, 206) contains.

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Color

R_YB(142, 201, 206)

Conversions

Conversions Part 1

Format	Color
Hex	8ECE93
RGB	142, 206, 147
RGB Percent	56%, 81%, 58%
CMY	0.4431, 0.1922, 0.4219
CMYK	0.31, 0.00, 0.28, 0.19
HSL	125°, 40%, 68%
HSV	125°, 31%, 81%
XYZ	38.5264, 52.0133, 35.7874
YIQ	180.1380, -19.2050, -31.9170

Conversions

Conversions Part 2

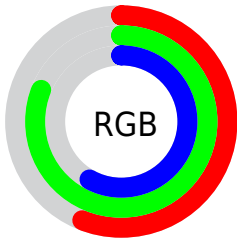
Format	Color
RYB	142, 201, 206
Decimal	9358995
CIELab	77.29, -32.07, 22.82
CIElCh	77, 39.361, 144.568
Yxy	52.0133, 0.3050, 0.4117
Android (android.graphics.Color)	4287549075 (0xFF8ECE93)
YUV	180.1380, -16.3370, -33.4470
Hunter-Lab	72.1203, -30.8563, 21.0634

Details

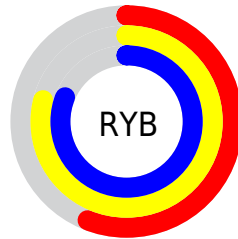
The RYB color **142, 201, 206** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **206, 142, 201**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **197, 251, 255**, and **89, 145, 151** is the 20% darker color. If you saturate the color by 10%, you get **121, 199, 206**, and if you desaturate by 10%, it is **163, 203, 206**.

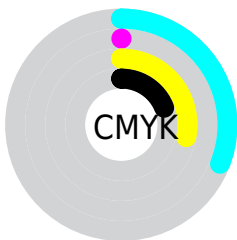
Distribution



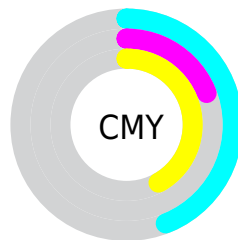
- Red (56%)
- Green (81%)
- Blue (58%)



- Red (56%)
- Yellow (79%)
- Blue (81%)



- Cyan (31%)
- Magenta (0%)
- Yellow (28%)
- Black (19%)



- Cyan (44%)
- Magenta (19%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 201, 206 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, 201, 206 by changing the saturation by 10% instead.

 142, 201, 206


255, 255, 255

 197, 250, 255

 226, 251, 255

 142, 201, 206

 115, 173, 178

 89, 145, 151

 63, 117, 125

 37, 90, 100

 5, 58, 75


 0, 49, 52

 0, 33, 33


 0, 0, 0

 142, 201, 206


 142, 201, 206

 121, 199, 206


 163, 203, 206

 101, 198, 206


 183, 204, 206

 80, 196, 206


 204, 206, 206

 60, 195, 206

 224, 206, 223

 39, 193, 206

 245, 206, 242

 18, 191, 206

 255, 206, 255

 0, 190, 206

Harmonies

Analogous

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



123, 198, 137



142, 201, 206



95, 160, 210

Triad

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



142, 201, 206



128, 172, 255



255, 165, 162

Complementary

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



142, 201, 206



206, 142, 201

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, 163, 199



142, 201, 206



186, 184, 255

Square

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



142, 201, 206



68, 146, 249



231, 171, 234



249, 196, 133

Rectangle

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



142, 201, 206



64, 138, 211



231, 171, 234



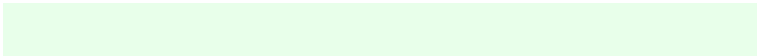
255, 163, 174

Sweetspot

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



142, 201, 206



232, 253, 255



142, 206, 147



113, 126, 128



0, 0, 0



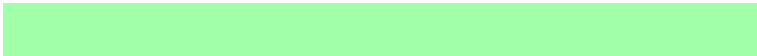
128, 128, 128

Same Dimension

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



142, 201, 206



161, 248, 255



142, 183, 206



92, 101, 102



0, 153, 166



0, 35, 38

Inverse Universe

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



206, 142, 201



255, 161, 247



206, 142, 169



102, 92, 101



166, 0, 152



38, 0, 35

Previews

White Background



This preview shows how the RYB color 142, 201, 206 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, 201, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

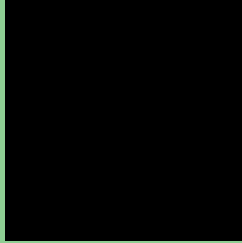
Any Text WCAG AA ✓ Pass

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, 201, 206 Background



This preview shows how black text looks on a background with the RYB color 142, 201, 206.

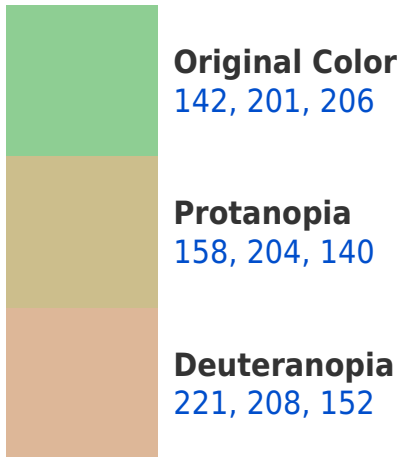


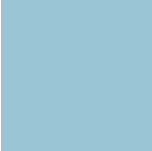
This preview shows how white text looks on a background with the RYB color 142, 201, 206.

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
154, 179, 213

Trichromacy



Original Color

142, 201, 206



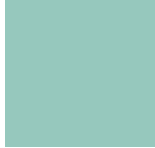
Protanomaly

143, 196, 158



Deuteranomaly

151, 192, 150



Tritanomaly

150, 178, 200

Monochromacy



Original Color

142, 201, 206



Achromatopsia

180, 180, 180



Achromatomaly

166, 187, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 201, 206 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, 206, 147)` looks like.

```
.text, #text, p{  
    color:rgb(142, 206, 147)  
}
```

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, 206, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 206, 147) }
```

Border

The CSS property to change the border of an element to RYB 142, 201, 206 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, 206, 147) }
```

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

```
.border{ border-color:rgb(142, 206, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 206, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 206, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 206, 147);  
box-shadow:4px 4px 4px 4px rgb(142, 206,  
147) }
```

Background

The CSS property to change the background color of an element to RYB 142, 201, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 206, 147) }
```

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

```
.background{ background-color: rgb(142,  
206, 147) }
```

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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