

Converting Colors

`RYB(142, 188, 218)`

Have a look what the booklet for
RYB(142, 188, 218) contains.

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Color

R_YB(142, 188, 218)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 8EDAC0 |
| RGB | 142, 218, 192 |
| RGB Percent | 56%, 85%, 75% |
| CMY | 0.4431, 0.1451, 0.2488 |
| CMYK | 0.35, 0.00, 0.12, 0.15 |
| HSL | 159°, 51%, 71% |
| HSV | 159°, 35%, 85% |
| XYZ | 45.6930, 59.6801, 58.7281 |
| YIQ | 192.3120, -36.9500, -24.1980 |

Conversions

Conversions Part 2

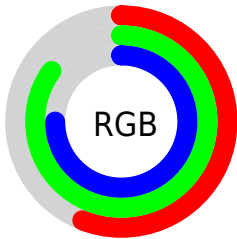
| Format | Color |
|--|---|
| RYB | 142, 188, 218 |
| Decimal | 9362112 |
| CIELab | 81.66, -29.28, 5.58 |
| CIElCh | 82, 29.805, 169.201 |
| Yxy | 59.6801, 0.2784, 0.3637 |
| Android (android.graphics.Color) | 4287552192 (0xFF8EDAC0) |
| YUV | 192.3120, -0.1538, -44.1236 |
| Hunter-Lab | 77.2529, -29.6146, 9.0044 |

Details

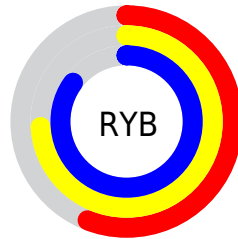
The RYB color **142, 188, 218** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **218, 142, 168**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **198, 228, 255**, and **88, 133, 163** is the 20% darker color. If you saturate the color by 10%, you get **120, 179, 218**, and if you desaturate by 10%, it is **164, 197, 218**.

Distribution



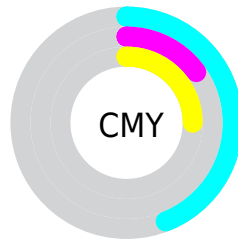
- Red (56%)
- Green (85%)
- Blue (75%)



- Red (56%)
- Yellow (74%)
- Blue (85%)



- Cyan (35%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)




- Cyan (44%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 188, 218 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, 188, 218 by changing the saturation by 10% instead.

 142, 188, 218


255, 255, 255


 198, 228, 255

 227, 241, 255

 142, 188, 218

 115, 160, 190

 88, 133, 163


 61, 105, 136

 33, 78, 110


 0, 49, 86

 0, 37, 62


 0, 26, 40

 0, 11, 11


 0, 0, 0

 142, 188, 218


 142, 188, 218

 120, 179, 218


 164, 197, 218

 98, 171, 218


 186, 205, 218


 77, 162, 218


 207, 214, 218

 55, 154, 218

 229, 218, 222

 33, 145, 218

 251, 218, 229

 11, 136, 218

 255, 218, 237

 0, 132, 218

 255, 218, 245

 255, 218, 252

 255, 218, 255

Harmonies

Analogous

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



166, 214, 207



142, 188, 218



121, 170, 220

Triad

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



142, 188, 218



194, 199, 255



252, 201, 162

Complementary

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



142, 188, 218



218, 142, 168

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, 186



142, 188, 218



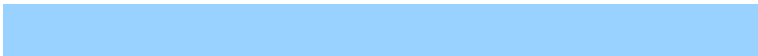
229, 190, 240

Square

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



142, 188, 218



154, 190, 255



252, 184, 214



209, 233, 149

Rectangle

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



142, 188, 218



120, 173, 237



252, 184, 214



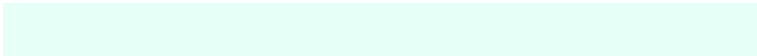
255, 190, 169

Sweetspot

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



142, 188, 218



230, 245, 255



142, 218, 191



112, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



142, 188, 218



148, 213, 255



142, 177, 218



99, 106, 110



0, 105, 173



0, 28, 46

Inverse Universe

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



218, 142, 168



255, 148, 185



218, 155, 142



110, 99, 102



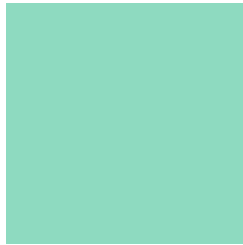
173, 0, 60



46, 0, 16

Previews

White Background



This preview shows how the RYB color 142, 188, 218 looks on a white background.

Color Contrast Check

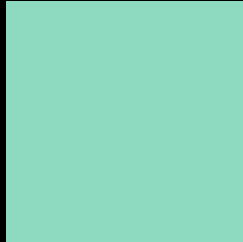
Large Text (above 18pt) WCAG AA × Fail

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, 188, 218 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, 188, 218 Background



This preview shows how black text looks on a background with the RYB color 142, 188, 218.

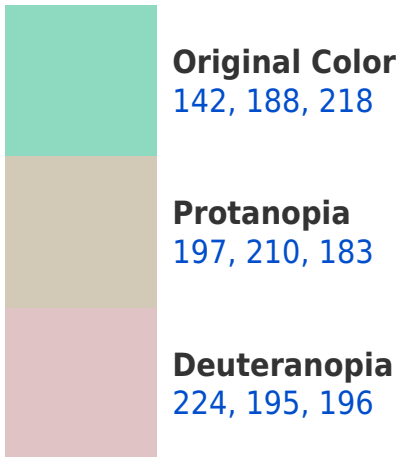


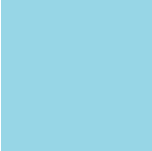
This preview shows how white text looks on a background with the RYB color 142, 188, 218.

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
151, 186, 230

Trichromacy



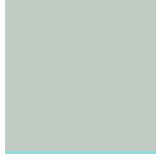
Original Color

142, 188, 218



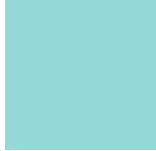
Protanomaly

185, 206, 207



Deuteranomaly

194, 203, 203



Tritanomaly

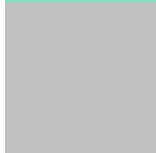
148, 182, 216

Monochromacy



Original Color

142, 188, 218



Achromatopsia

192, 192, 192



Achromatomaly

174, 190, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 188, 218 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, 218, 192)` looks like.

```
.text, #text, p{  
    color:rgb(142, 218, 192)  
}
```

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, 218, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 218, 192) }
```

Border

The CSS property to change the border of an element to RYB 142, 188, 218 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, 218, 192) }
```

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

```
.border{ border-color:rgb(142, 218, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 218, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 218, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 218, 192); box-shadow:4px 4px 4px 4px rgb(142, 218, 192) }
```

Background

The CSS property to change the background color of an element to RYB 142, 188, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 218, 192) }
```

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

```
.background{ background-color: rgb(142,  
218, 192) }
```

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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