Converting Colors

RGB(142, 218, 207)

Have a look what the booklet for RGB(142, 218, 207) contains.

Color

RGB(142, 218, 207)

Conversions

Conversions Part 1

Format	Color
Hex	8EDACF
RGB	142, 218, 207
RGB Percent	56%, 85%, 81%
CMY	0.4431, 0.1451, 0.1882
CMYK	0.35, 0.00, 0.05, 0.15
HSL	171°, 51%, 71%
HSV	171°, 35%, 85%
XYZ	47.4892, 60.3986, 68.1866
YIQ	194.0220, -41.7650, -19.5330

Conversions

Conversions Part 2

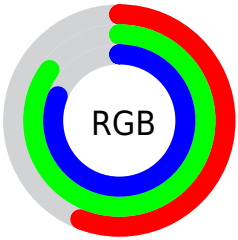
Format	Color
RYB	142, 183, 218
Decimal	9362127
CIELab	82.05, -25.89, -2.05
CIELCh	82, 25.974, 184.529
Yxy	60.3986, 0.2697, 0.3430
Android (android.graphics.Color)	4287552207 (0xFF8EDACF)
YUV	194.0220, 6.3982, -45.6233
Hunter-Lab	77.7165, -26.9303, 2.3819

Details

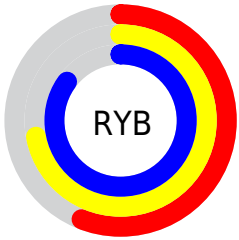
The RGB color 142, 218, 207 is a light color, and the websafe version is hex 66CCCC. A complement of this color would be 218, 142, 153, and the grayscale version is 194, 194, 194.

A 20% lighter version of the original color is 198, 255, 255, and 88, 163, 153 is the 20% darker color. If you saturate the color by 10%, you get 120, 218, 204, and if you desaturate by 10%, it is 164, 218, 210.

Distribution

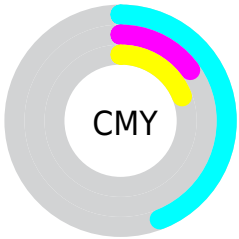


- Red (56%)
- Green (85%)
- Blue (81%)



- Red (56%)
- Yellow (72%)
- Blue (85%)

- Cyan (35%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)



- Cyan (44%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 142, 218, 207 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 142, 218, 207 by changing the saturation by 10% instead.

142, 218, 207

255, 255, 255

198, 255, 255

227, 255, 255

142, 218, 207

115, 190, 179

88, 163, 153

60, 136, 127

30, 111, 102

0, 86, 78

0, 62, 55

0, 40, 34

0, 14, 12

0, 0, 0

142, 218, 207

120, 218, 204

98, 218, 201

77, 218, 198

55, 218, 194

33, 218, 191

11, 218, 188

0, 218, 186

142, 218, 207

164, 218, 210

186, 218, 213

207, 218, 216

229, 218, 220

251, 218, 223

255, 218, 226

255, 218, 229

255, 218, 232

255, 218, 235

Harmonies

Analogous

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

164, 216, 182

142, 218, 207

135, 217, 231

Triad

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

142, 218, 207

213, 197, 244

240, 196, 161

Complementary

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

142, 218, 207

218, 142, 153

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, 189, 178

142, 218, 207

239, 190, 225

Square

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

142, 218, 207

180, 205, 252

253, 187, 201

219, 204, 156

Rectangle

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

142, 218, 207

143, 214, 243

253, 187, 201

246, 193, 165

Sweetspot

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

142, 218, 207

230, 255, 251

153, 218, 142

112, 128, 125

0, 0, 0

128, 128, 128

Same Dimension

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

142, 218, 207

148, 255, 239

142, 191, 218

99, 110, 108

0, 173, 148

0, 46, 39

Inverse Universe

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

218, 142, 153

255, 148, 163

218, 169, 142

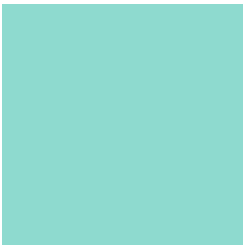
110, 99, 100

173, 0, 25

46, 0, 7

Previews

White Background

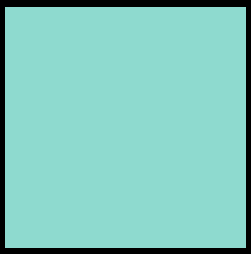


This preview shows how the RGB color 142, 218, 207 looks on a white background.

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



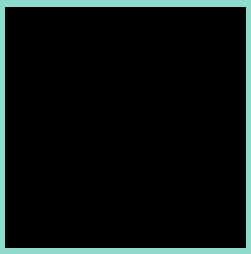
This preview shows how the RGB color 142, 218, 207 looks on a black background.

Color Contrast Check

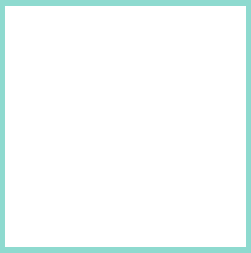
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 142, 218, 207 Background



This preview shows how black text looks on a background with the RGB color 142, 218, 207.



This preview shows how white text looks on a background with the RGB color 142, 218, 207.

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

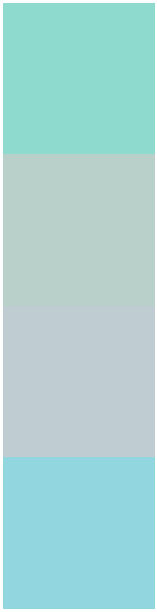
Original Color
142, 218, 207

Protanopia
208, 202, 198

Deuteranopia
219, 197, 211

Tritanopia
148, 214, 232

Trichromacy



Original Color
142, 218, 207

Protanomaly
184, 208, 201

Deuteranomaly
191, 205, 210

Tritanomaly
146, 215, 223

Monochromacy

Original Color
142, 218, 207

Achromatopsia
194, 194, 194

Achromatomaly
175, 203, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 142, 218, 207 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, 207) looks like.

```
.text, #text, p{
    color:rgb(142, 218, 207)
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 218, 207) }
```

Border

The CSS property to change the border of an element to RGB 142, 218, 207 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, 207) }
```

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

```
.border{ border-color:rgb(142, 218, 207) }
```

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, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 218, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 218, 207); box-shadow:4px 4px 4px 4px rgb(142, 218, 207) }
```

Background

The CSS property to change the background color of an element to RGB 142, 218, 207 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, 207) }
```

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

```
.background{ background-color:rgb(142,
218, 207) }
```

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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