Converting Colors

RGB(140, 190, 128)

Have a look what the booklet for RGB(140, 190, 128) contains.

Color

RGB(140, 190, 128)

Conversions

Conversions Part 1

Format	Color
Hex	8CBE80
RGB	140, 190, 128
RGB Percent	55%, 75%, 50%
CMY	0.4510, 0.2549, 0.4980
CMYK	0.26, 0.00, 0.33, 0.25
HSL	108°, 32%, 62%
HSV	108°, 33%, 75%
XYZ	33.1250, 43.9609, 27.1615
YIQ	167.9820, -9.8980, -29.8820

Conversions

Conversions Part 2

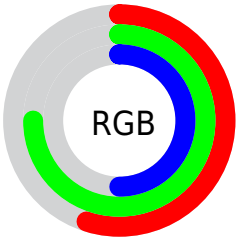
Format	Color
RYB	128, 190, 178
Decimal	9223808
CIELab	72.20, -28.32, 26.17
CIELCh	72, 38.560, 137.255
Yxy	43.9609, 0.3178, 0.4217
Android (android.graphics.Color)	4287413888 (0xFF8CBE80)
YUV	167.9820, -19.7111, -24.5402
Hunter-Lab	66.3030, -26.8517, 22.1235

Details

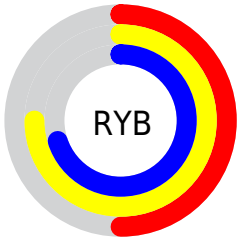
The RGB color 140, 190, 128 is a light color, and the websafe version is hex 99CC99. A complement of this color would be 178, 128, 190, and the grayscale version is 168, 168, 168.

A 20% lighter version of the original color is 195, 247, 181, and 88, 136, 78 is the 20% darker color. If you saturate the color by 10%, you get 125, 190, 109, and if you desaturate by 10%, it is 155, 190, 147.

Distribution

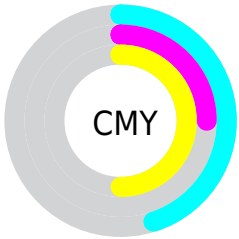


- Red (55%)
- Green (75%)
- Blue (50%)



- Red (50%)
- Yellow (75%)
- Blue (70%)

- Cyan (26%)
- Magenta (0%)
- Yellow (33%)
- Black (25%)



- Cyan (45%)
- Magenta (25%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 140, 190, 128 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 140, 190, 128 by changing the saturation by 10% instead.

140, 190, 128	140, 190, 128
255, 255, 255	114, 163, 103
195, 247, 181	88, 136, 78
223, 255, 209	63, 111, 55
252, 255, 237	38, 86, 32
	11, 62, 9
	0, 40, 0
	0, 14, 0
	0, 0, 0

140, 190, 128	140, 190, 128

125, 190, 109

109, 190, 90

94, 190, 71

79, 190, 52

63, 190, 33

48, 190, 14

37, 190, 0

155, 190, 147

171, 190, 166

186, 190, 185

201, 190, 204

217, 190, 223

232, 190, 242

247, 190, 255

255, 190, 255

Harmonies

Analogous

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

180, 181, 109

140, 190, 128

95, 195, 160

Triad

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

140, 190, 128

100, 185, 245

246, 150, 158

Complementary

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

140, 190, 128

178, 128, 190

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.

236, 151, 194

140, 190, 128

159, 173, 244

Square

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

140, 190, 128

38, 193, 228

206, 161, 225

237, 158, 127

Rectangle

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

140, 190, 128

61, 196, 185

206, 161, 225

245, 150, 170

Sweetspot

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

140, 190, 128

227, 247, 223

190, 178, 128

113, 125, 110

252, 252, 252

125, 125, 125

Same Dimension

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

140, 190, 128

170, 247, 151

128, 190, 147

87, 94, 85

31, 158, 0

6, 31, 0

Inverse Universe

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

178, 128, 190

229, 151, 247

190, 128, 171

93, 85, 94

128, 0, 158

25, 0, 31

Previews

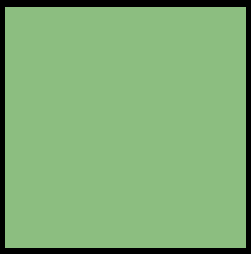
White Background

This preview shows how the RGB color 140, 190, 128 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



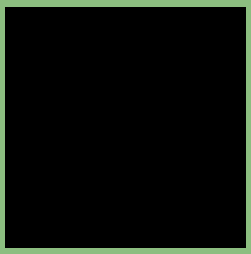
This preview shows how the RGB color 140, 190, 128 looks on a black background.

Color Contrast Check

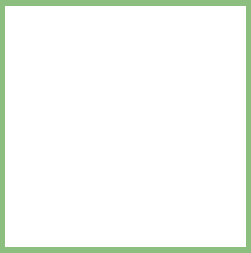
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 140, 190, 128 Background



This preview shows how black text looks on a background with the RGB color 140, 190, 128.

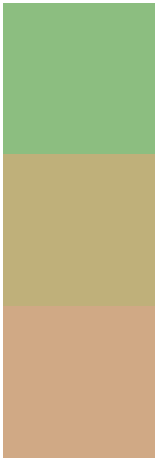


This preview shows how white text looks on a background with the RGB color 140, 190, 128.

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
140, 190, 128

Protanopia
191, 176, 122

Deuteranopia
208, 169, 133

Tritanopia
151, 181, 196

Trichromacy

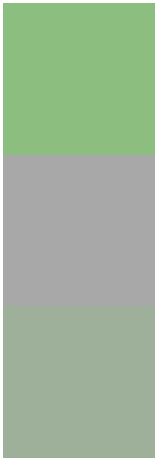
Original Color
140, 190, 128

Protanomaly
172, 181, 124

Deuteranomaly
183, 177, 131

Tritanomaly
147, 184, 171

Monochromacy



Original Color
140, 190, 128

Achromatopsia
168, 168, 168

Achromatomaly
158, 176, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 140, 190, 128 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(140, 190, 128) looks like.

```
.text, #text, p{
    color:rgb(140, 190, 128)
}
```

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(140, 190, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 190, 128) }
```

Border

The CSS property to change the border of an element to RGB 140, 190, 128 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(140, 190, 128) }
```

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

```
.border{ border-color:rgb(140, 190, 128) }
```

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

Here you see how a box with a 4 pixel rgb(140, 190, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 190, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 190, 128); box-shadow:4px 4px 4px 4px rgb(140, 190, 128) }
```

Background

The CSS property to change the background color of an element to RGB 140, 190, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(140, 190, 128) }
```

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

```
.background{ background-color:rgb(140,
190, 128) }
```

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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