

Converting Colors

RGB(138, 185, 78)

Have a look what the booklet for
RGB(138, 185, 78) contains.

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Color

RGB(138, 185, 78)

Conversions

Conversions Part 1

Format	Color
Hex	8AB94E
RGB	138, 185, 78
RGB Percent	54%, 73%, 31%
CMY	0.4588, 0.2745, 0.6941
CMYK	0.25, 0.00, 0.58, 0.27
HSL	86°, 43%, 52%
HSV	86°, 58%, 73%
XYZ	29.2053, 40.6513, 13.5149
YIQ	158.7490, 6.3350, -43.2410

Conversions

Conversions Part 2

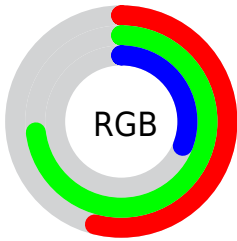
Format	Color
RYB	78, 185, 125
Decimal	9091406
CIELab	69.93, -32.99, 48.39
CIElCh	70, 58.568, 124.285
Yxy	40.6513, 0.3503, 0.4876
Android (android.graphics.Color)	4287281486 (0xFF8AB94E)
YUV	158.7490, -39.8093, -18.1969
Hunter-Lab	63.7583, -29.8128, 32.0631

Details

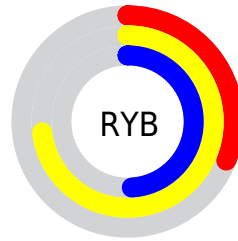
The RGB color **138, 185, 78** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **125, 78, 185**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **194, 241, 130**, and **84, 132, 24** is the 20% darker color. If you saturate the color by 10%, you get **130, 185, 60**, and if you desaturate by 10%, it is **146, 185, 97**.

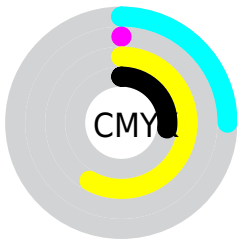
Distribution



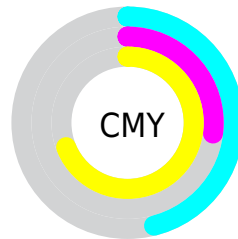
- Red (54%)
- Green (73%)
- Blue (31%)



- Red (31%)
- Yellow (73%)
- Blue (49%)



- Cyan (25%)
- Magenta (0%)
- Yellow (58%)
- Black (27%)



- Cyan (46%)
- Magenta (27%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the RGB color 138, 185, 78 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 138, 185, 78 by changing the saturation by 10% instead.



138, 185, 78



138, 185, 78

255, 255, 255



111, 158, 52



194, 241, 130



84, 132, 24



223, 255, 158



58, 106, 0



252, 255, 185



32, 82, 0



255, 255, 213



0, 58, 0



255, 255, 242



0, 37, 0



0, 0, 0



138, 185, 78



138, 185, 78



130, 185, 60



146, 185, 97

122, 185, 41

154, 185, 115

114, 185, 22

162, 185, 133

105, 185, 4

171, 185, 152

104, 185, 0

179, 185, 171

187, 185, 189

195, 185, 208

203, 185, 226

211, 185, 245

Harmonies

Analogous

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



193, 171, 58



138, 185, 78



56, 194, 123

Triad

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



138, 185, 78



0, 188, 255



255, 123, 165

Complementary

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



138, 185, 78



125, 78, 185

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.



242, 133, 218



138, 185, 78



77, 174, 255

Square

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



138, 185, 78



0, 196, 229



184, 154, 255



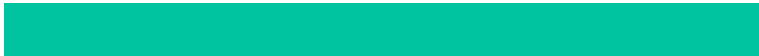
255, 132, 114

Rectangle

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



138, 185, 78



0, 196, 159



184, 154, 255



255, 124, 183

Sweetspot

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



138, 185, 78



222, 240, 199



185, 124, 78



109, 120, 96



247, 247, 247



120, 120, 120

Same Dimension

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



138, 185, 78



167, 240, 74



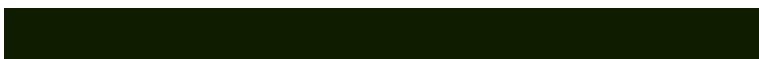
85, 185, 78



88, 92, 83



87, 156, 0



16, 28, 0

Inverse Universe

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



125, 78, 185



147, 74, 240



178, 78, 185



87, 83, 92



68, 0, 156



12, 0, 28

Previews

White Background



This preview shows how the RGB color 138, 185, 78 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 138, 185, 78 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 138, 185, 78 Background



This preview shows how black text looks on a background with the RGB color 138, 185, 78.

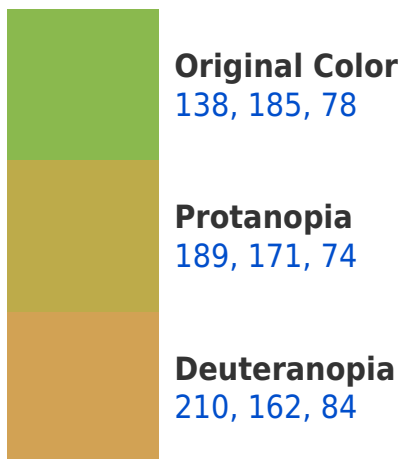


This preview shows how white text looks on a background with the RGB color 138, 185, 78.

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
153, 174, 187

Trichromacy



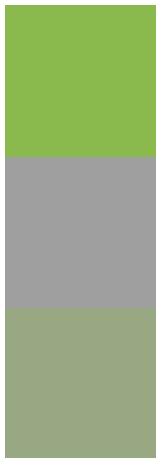
Original Color
138, 185, 78

Protanomaly
170, 176, 75

Deuteranomaly
184, 170, 82

Tritanomaly
148, 178, 147

Monochromacy



Original Color
138, 185, 78

Achromatopsia
159, 159, 159

Achromatomaly
151, 168, 130

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 185, 78 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(138, 185, 78)` looks like.

```
.text, #text, p{  
    color:rgb(138, 185, 78)  
}
```

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(138, 185, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 185, 78) }
```

Border

The CSS property to change the border of an element to RGB 138, 185, 78 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(138, 185, 78) }
```

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

```
.border{ border-color:rgb(138, 185, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 185, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 185, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 185, 78);  
box-shadow:4px 4px 4px 4px rgb(138, 185,  
78) }
```

Background

The CSS property to change the background color of an element to RGB 138, 185, 78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 185, 78) }
```

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

```
.background{ background-color: rgb(138,  
185, 78) }
```

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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