

Converting Colors

RGB(78, 179, 118)

Have a look what the booklet for
RGB(78, 179, 118) contains.

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Color

RGB(78, 179, 118)

Conversions

Conversions Part 1

Format	Color
Hex	4EB376
RGB	78, 179, 118
RGB Percent	31%, 70%, 46%
CMY	0.6941, 0.2980, 0.5373
CMYK	0.56, 0.00, 0.34, 0.30
HSL	144°, 40%, 50%
HSV	144°, 56%, 70%
XYZ	22.5320, 35.1679, 22.7401
YIQ	141.8470, -40.6150, -40.3830

Conversions

Conversions Part 2

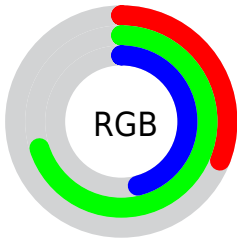
Format	Color
RYB	78, 150, 179
Decimal	5157750
CIELab	65.88, -43.48, 22.51
CIELCh	66, 48.959, 152.627
Yxy	35.1679, 0.2801, 0.4372
Android (android.graphics.Color)	4283347830 (0xFF4EB376)
YUV	141.8470, -11.7566, -55.9938
Hunter-Lab	59.3025, -35.9584, 18.7765

Details

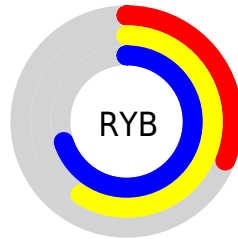
The RGB color **78, 179, 118** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **179, 78, 139**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **135, 235, 171**, and **1, 125, 69** is the 20% darker color. If you saturate the color by 10%, you get **60, 179, 107**, and if you desaturate by 10%, it is **96, 179, 129**.

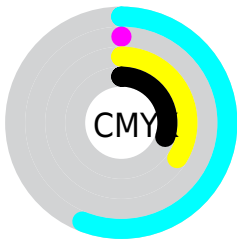
Distribution



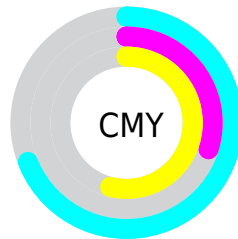
- Red (31%)
- Green (70%)
- Blue (46%)



- Red (31%)
- Yellow (59%)
- Blue (70%)



- Cyan (56%)
- Magenta (0%)
- Yellow (34%)
- Black (30%)




- Cyan (69%)
- Magenta (30%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 78, 179, 118 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 78, 179, 118 by changing the saturation by 10% instead.

 78, 179, 118

255, 255, 255


 135, 235, 171


 163, 255, 198


 192, 255, 226


 221, 255, 255

 251, 255, 255

 78, 179, 118

 48, 152, 93

 1, 125, 69


 0, 100, 46


 0, 75, 24

 0, 51, 0

 0, 29, 0

 0, 0, 0

 78, 179, 118

 60, 179, 107

 78, 179, 118

 96, 179, 129

■ 42, 179, 96

■ 114, 179, 140

■ 24, 179, 86

■ 132, 179, 150

■ 6, 179, 75

■ 150, 179, 161

■ 0, 179, 71

■ 168, 179, 172

■ 185, 179, 183

■ 203, 179, 194

■ 221, 179, 204

■ 239, 179, 215

Harmonies

Analogous

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



137, 171, 83



78, 179, 118



0, 182, 163

Triad

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



78, 179, 118



88, 163, 248



239, 128, 115

Complementary

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



78, 179, 118



179, 78, 139

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.



241, 123, 158



78, 179, 118



168, 147, 234

Square

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



78, 179, 118



0, 175, 237



217, 131, 201



218, 143, 82

Rectangle

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



78, 179, 118



0, 182, 192



217, 131, 201



242, 125, 129

Sweetspot

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



78, 179, 118



193, 232, 208



140, 179, 78



94, 117, 103



245, 245, 245



117, 117, 117

Same Dimension

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



78, 179, 118



74, 232, 137



78, 179, 167



80, 89, 84



0, 153, 61



0, 26, 10

Inverse Universe

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



179, 78, 139



232, 74, 170



179, 78, 90



89, 80, 86



153, 0, 92



26, 0, 15

Previews

White Background



This preview shows how the RGB color 78, 179, 118 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 78, 179, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

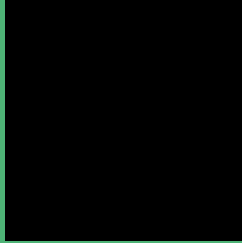
Any Text WCAG AA ✓ Pass

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 78, 179, 118 Background



This preview shows how black text looks on a background with the RGB color 78, 179, 118.

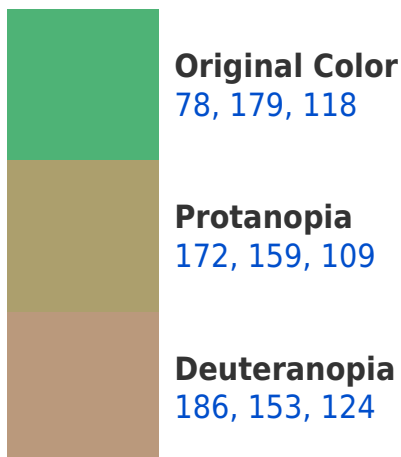


This preview shows how white text looks on a background with the RGB color 78, 179, 118.

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
97, 171, 185

Trichromacy



Original Color

78, 179, 118



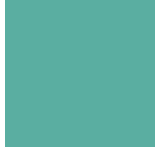
Protanomaly

138, 166, 112



Deuteranomaly

147, 162, 122



Tritanomaly

90, 174, 161

Monochromacy



Original Color

78, 179, 118



Achromatopsia

142, 142, 142



Achromatomaly

119, 155, 133

CSS Examples

Text

The CSS property to change the color of the text to RGB 78, 179, 118 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(78, 179, 118)` looks like.

```
.text, #text, p{  
    color:rgb(78, 179, 118)  
}
```

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(78, 179, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 179, 118) }
```

Border

The CSS property to change the border of an element to RGB 78, 179, 118 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(78, 179, 118) }
```

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

```
.border{ border-color:rgb(78, 179, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 179, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 179, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 179, 118);  
box-shadow:4px 4px 4px 4px rgb(78, 179,  
118) }
```

Background

The CSS property to change the background color of an element to RGB 78, 179, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 179, 118) }
```

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

```
.background{ background-color: rgb(78, 179,  
118) }
```

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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