

Converting Colors

RGB(81, 215, 123)

Have a look what the booklet for
RGB(81, 215, 123) contains.

RGB(81, 215, 123)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(81, 215, 123)

Conversions

Conversions Part 1

Format	Color
Hex	51D77B
RGB	81, 215, 123
RGB Percent	32%, 84%, 48%
CMY	0.6824, 0.1569, 0.5176
CMYK	0.62, 0.00, 0.43, 0.16
HSL	139°, 63%, 58%
HSV	139°, 62%, 84%
XYZ	31.2689, 51.7803, 27.0854
YIQ	164.4460, -50.3320, -57.0200

Conversions

Conversions Part 2

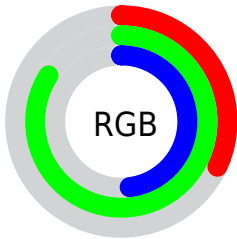
Format	Color
RYB	81, 183, 215
Decimal	5363579
CIELab	77.15, -56.34, 34.82
CIELCh	77, 66.231, 148.283
Yxy	51.7803, 0.2839, 0.4702
Android (android.graphics.Color)	4283553659 (0xFF51D77B)
YUV	164.4460, -20.4329, -73.1821
Hunter-Lab	71.9585, -48.3618, 28.0540

Details

The RGB color **81, 215, 123** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **215, 81, 173**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **142, 255, 176**, and **0, 159, 72** is the 20% darker color. If you saturate the color by 10%, you get **59, 215, 108**, and if you desaturate by 10%, it is **102, 215, 138**.

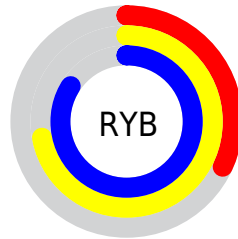
Distribution



Red (32%)

Green (84%)

Blue (48%)



Red (32%)

Yellow (72%)

Blue (84%)

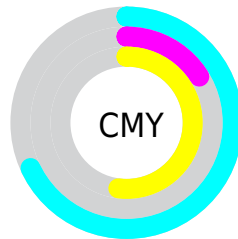


Cyan (62%)

Magenta (0%)

Yellow (43%)

Black (16%)



Cyan (68%)

Magenta (16%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 81, 215, 123 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 81, 215, 123 by changing the saturation by 10% instead.



81, 215, 123



81, 215, 123

255, 255, 255



45, 187, 97



142, 255, 176



0, 159, 72



172, 255, 204



0, 132, 48



202, 255, 233



0, 106, 24



232, 255, 255



0, 80, 0



0, 56, 0



0, 33, 0



0, 0, 0



81, 215, 123



81, 215, 123

 59, 215, 108

 102, 215, 138

 38, 215, 93

 124, 215, 153

 16, 215, 79

 146, 215, 167

 0, 215, 67

 167, 215, 182

 189, 215, 197

 210, 215, 212

 232, 215, 226

 253, 215, 241

 255, 215, 255

Harmonies

Analogous

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



166, 204, 75



81, 215, 123



0, 220, 185

Triad

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



81, 215, 123



0, 198, 255



255, 141, 136

Complementary

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



81, 215, 123



215, 81, 173

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, 135, 197



81, 215, 123



186, 176, 255

Square

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



81, 215, 123



0, 213, 255



255, 150, 255



255, 163, 86

Rectangle

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



81, 215, 123



0, 220, 227



255, 150, 255



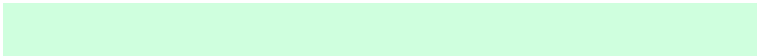
255, 137, 155

Sweetspot

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



81, 215, 123



207, 255, 222



175, 215, 81



98, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



81, 215, 123



64, 255, 124



81, 215, 188



96, 107, 100



0, 171, 54



0, 43, 14

Inverse Universe

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



215, 81, 173



255, 64, 195



215, 81, 108



107, 96, 104



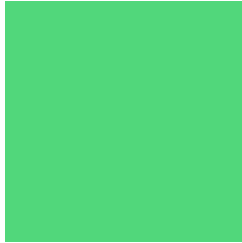
171, 0, 117



43, 0, 30

Previews

White Background



This preview shows how the RGB color 81, 215, 123 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 81, 215, 123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

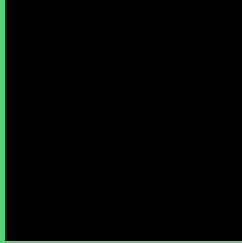
Any Text WCAG AA ✓ Pass

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 81, 215, 123 Background



This preview shows how black text looks on a background with the RGB color 81, 215, 123.

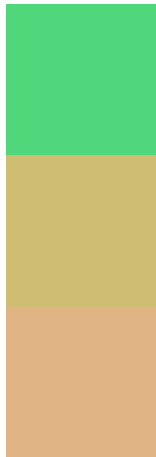


This preview shows how white text looks on a background with the RGB color 81, 215, 123.

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
81, 215, 123

Protanopia
207, 189, 113

Deuteranopia
225, 181, 131



Tritanopia
110, 204, 220

Trichromacy



Original Color

81, 215, 123



Protanomaly

161, 198, 117



Deuteranomaly

173, 193, 128



Tritanomaly

99, 208, 185

Monochromacy



Original Color

81, 215, 123



Achromatopsia

164, 164, 164



Achromatomaly

134, 183, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 81, 215, 123 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(81, 215, 123)` looks like.

```
.text, #text, p{  
    color:rgb(81, 215, 123)  
}
```

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(81, 215, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 215, 123) }
```

Border

The CSS property to change the border of an element to RGB 81, 215, 123 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(81, 215, 123) }
```

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

```
.border{ border-color:rgb(81, 215, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 215, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 215, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 215, 123);  
box-shadow:4px 4px 4px 4px rgb(81, 215,  
123) }
```

Background

The CSS property to change the background color of an element to RGB 81, 215, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 215, 123) }
```

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

```
.background{ background-color: rgb(81, 215,  
123) }
```

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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