

Converting Colors

RGB(86, 220, 154)

Have a look what the booklet for
RGB(86, 220, 154) contains.

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Color

RGB(86, 220, 154)

Conversions

Conversions Part 1

Format	Color
Hex	56DC9A
RGB	86, 220, 154
RGB Percent	34%, 86%, 60%
CMY	0.6627, 0.1373, 0.3961
CMYK	0.61, 0.00, 0.30, 0.14
HSL	150°, 66%, 60%
HSV	150°, 61%, 86%
XYZ	35.2637, 55.4979, 39.4254
YIQ	172.4100, -58.6780, -48.9340

Conversions

Conversions Part 2

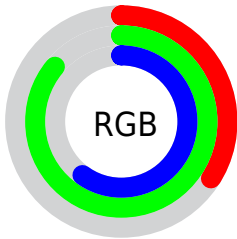
Format	Color
RYB	86, 175, 220
Decimal	5692570
CIELab	79.33, -51.61, 21.81
CIELCh	79, 56.031, 157.096
Yxy	55.4979, 0.2709, 0.4263
Android (android.graphics.Color)	4283882650 (0xFF56DC9A)
YUV	172.4100, -9.0761, -75.7816
Hunter-Lab	74.4969, -45.8753, 20.7703

Details

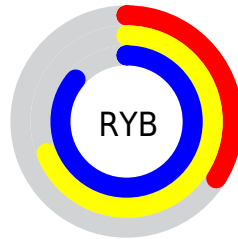
The RGB color **86, 220, 154** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **220, 86, 152**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **147, 255, 209**, and **0, 164, 103** is the 20% darker color. If you saturate the color by 10%, you get **64, 220, 143**, and if you desaturate by 10%, it is **108, 220, 165**.

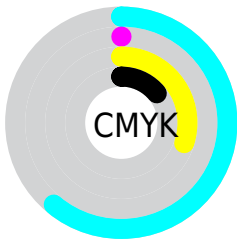
Distribution



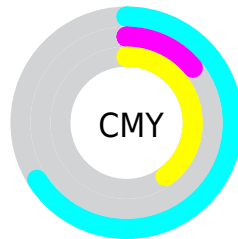
- Red (34%)
- Green (86%)
- Blue (60%)



- Red (34%)
- Yellow (69%)
- Blue (86%)



- Cyan (61%)
- Magenta (0%)
- Yellow (30%)
- Black (14%)


















- Cyan (66%)
- Magenta (14%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 86, 220, 154 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 86, 220, 154 by changing the saturation by 10% instead.

 86, 220, 154	 86, 220, 154
 255, 255, 255	 51, 192, 128
 147, 255, 209	 0, 164, 103
 177, 255, 237	 0, 137, 78
 207, 255, 255	 0, 111, 55
 237, 255, 255	 0, 85, 32
	 0, 60, 10
	 0, 38, 0
	 0, 0, 0

 86, 220, 154	 86, 220, 154
--	--

 64, 220, 143

 108, 220, 165

 42, 220, 132

 130, 220, 176

 20, 220, 121

 152, 220, 187

 0, 220, 112

 174, 220, 197

 196, 220, 208

 218, 220, 219

 240, 220, 230

 255, 220, 241

 255, 220, 252

Harmonies

Analogous

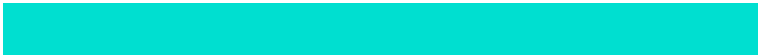
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



160, 212, 110



86, 220, 154



0, 223, 208

Triad

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



86, 220, 154



130, 198, 255



255, 161, 136

Complementary

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



86, 220, 154



220, 86, 152

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, 152, 186



86, 220, 154



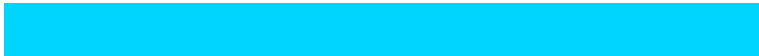
217, 178, 255

Square

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



86, 220, 154



0, 213, 255



255, 159, 238



255, 179, 100

Rectangle

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



86, 220, 154



0, 222, 242



255, 159, 238



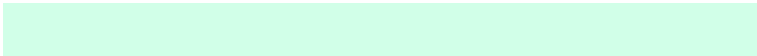
255, 157, 152

Sweetspot

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



86, 220, 154



209, 255, 232



153, 220, 86



99, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

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



86, 220, 154



69, 255, 163



86, 220, 220



99, 110, 104



0, 173, 88



0, 46, 23

Inverse Universe

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



220, 86, 152



255, 69, 161



220, 86, 86



110, 99, 104



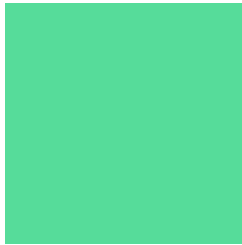
173, 0, 85



46, 0, 23

Previews

White Background



This preview shows how the RGB color 86, 220, 154 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 86, 220, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

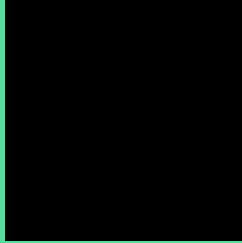
Any Text WCAG AA ✓ Pass

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 86, 220, 154 Background



This preview shows how black text looks on a background with the RGB color 86, 220, 154.

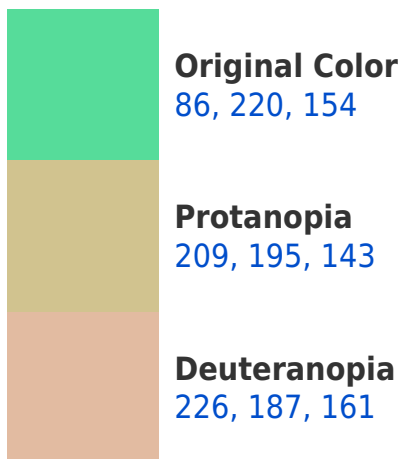


This preview shows how white text looks on a background with the RGB color 86, 220, 154.

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
110, 211, 228

Trichromacy



Original Color

86, 220, 154



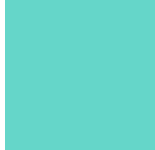
Protanomaly

164, 204, 147



Deuteranomaly

175, 199, 158



Tritanomaly

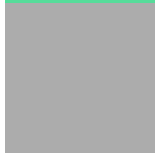
101, 214, 201

Monochromacy



Original Color

86, 220, 154



Achromatopsia

172, 172, 172



Achromatomaly

141, 189, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 86, 220, 154 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(86, 220, 154) looks like.

```
.text, #text, p{  
    color:rgb(86, 220, 154)  
}
```

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(86, 220, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 220, 154) }
```

Border

The CSS property to change the border of an element to RGB 86, 220, 154 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(86, 220, 154) }
```

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

```
.border{ border-color:rgb(86, 220, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 220, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 220, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 220, 154);  
box-shadow:4px 4px 4px 4px rgb(86, 220,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 86, 220, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 220, 154) }
```

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

```
.background{ background-color: rgb(86, 220,  
154) }
```

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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