

Converting Colors

RGB(86, 210, 150)

Have a look what the booklet for
RGB(86, 210, 150) contains.

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Color

RGB(86, 210, 150)

Conversions

Conversions Part 1

Format	Color
Hex	56D296
RGB	86, 210, 150
RGB Percent	34%, 82%, 59%
CMY	0.6627, 0.1765, 0.4118
CMYK	0.59, 0.00, 0.29, 0.18
HSL	151°, 58%, 58%
HSV	151°, 59%, 82%
XYZ	32.3894, 50.2736, 36.8508
YIQ	166.0840, -54.6440, -44.9480

Conversions

Conversions Part 2

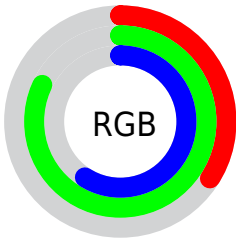
Format	Color
RYB	86, 168, 210
Decimal	5690006
CIELab	76.24, -48.33, 19.65
CIElCh	76, 52.175, 157.874
Yxy	50.2736, 0.2710, 0.4207
Android (android.graphics.Color)	4283880086 (0xFF56D296)
YUV	166.0840, -7.9294, -70.2337
Hunter-Lab	70.9039, -42.5419, 18.8180

Details

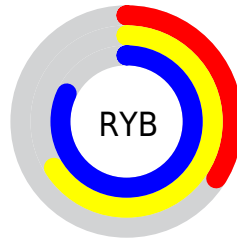
The RGB color **86, 210, 150** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **210, 86, 146**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **146, 255, 204**, and **0, 154, 99** is the 20% darker color. If you saturate the color by 10%, you get **65, 210, 140**, and if you desaturate by 10%, it is **107, 210, 160**.

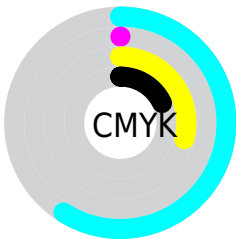
Distribution



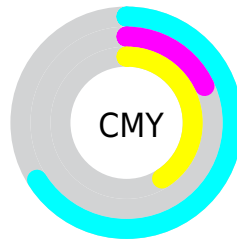
- Red (34%)
- Green (82%)
- Blue (59%)



- Red (34%)
- Yellow (66%)
- Blue (82%)



- Cyan (59%)
- Magenta (0%)
- Yellow (29%)
- Black (18%)


















- Cyan (66%)
- Magenta (18%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the RGB color 86, 210, 150 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, 210, 150 by changing the saturation by 10% instead.

 86, 210, 150	 86, 210, 150
 255, 255, 255	 53, 182, 124
 146, 255, 204	 0, 154, 99
 175, 255, 233	 0, 128, 75
 204, 255, 255	 0, 102, 52
 234, 255, 255	 0, 77, 30
	 0, 53, 7
	 0, 30, 0
	 0, 0, 0

 86, 210, 150	 86, 210, 150
--	--

 65, 210, 140

 107, 210, 160

 44, 210, 130

 128, 210, 170

 23, 210, 120

 149, 210, 180

 2, 210, 109

 170, 210, 191

 0, 210, 108

 191, 210, 201

 212, 210, 211

 233, 210, 221

 254, 210, 231

 255, 210, 241

Harmonies

Analogous

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



153, 202, 109



86, 210, 150



0, 213, 200

Triad

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



86, 210, 150



131, 189, 255



255, 156, 131

Complementary

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



86, 210, 150



210, 86, 146

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, 148, 177



86, 210, 150



209, 170, 255

Square

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



86, 210, 150



0, 203, 255



255, 154, 225



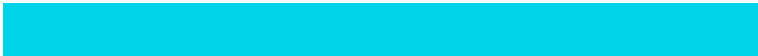
246, 173, 98

Rectangle

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



86, 210, 150



0, 212, 232



255, 154, 225



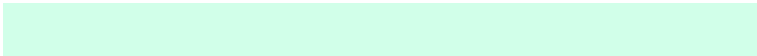
255, 152, 146

Sweetspot

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



86, 210, 150



209, 255, 233



148, 210, 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, 210, 150



74, 255, 167



86, 210, 210



94, 105, 99



0, 168, 87



0, 41, 21

Inverse Universe

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



210, 86, 146



255, 74, 162



210, 86, 86



105, 94, 99



168, 0, 81



41, 0, 20

Previews

White Background



This preview shows how the RGB color 86, 210, 150 looks on a white background.

Color Contrast Check

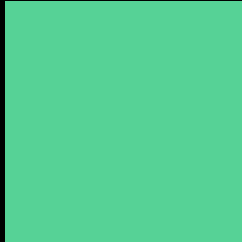
Large Text (above 18pt) WCAG AA × Fail

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, 210, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

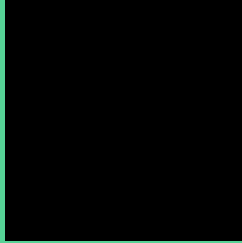
Any Text WCAG AA ✓ Pass

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, 210, 150 Background



This preview shows how black text looks on a background with the RGB color 86, 210, 150.

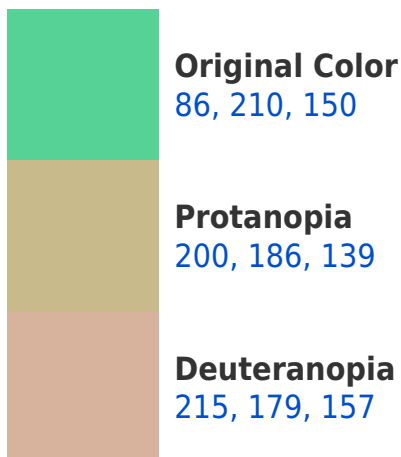


This preview shows how white text looks on a background with the RGB color 86, 210, 150.

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
107, 201, 218

Trichromacy



Original Color

86, 210, 150



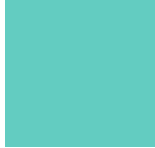
Protanomaly

159, 195, 143



Deuteranomaly

168, 190, 154



Tritanomaly

99, 204, 193

Monochromacy



Original Color

86, 210, 150



Achromatopsia

166, 166, 166



Achromatomaly

137, 182, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 86, 210, 150 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, 210, 150)` looks like.

```
.text, #text, p{  
    color:rgb(86, 210, 150)  
}
```

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, 210, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 210, 150) }
```

Border

The CSS property to change the border of an element to RGB 86, 210, 150 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, 210, 150) }
```

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

```
.border{ border-color:rgb(86, 210, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 210, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 210, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 210, 150);  
box-shadow:4px 4px 4px 4px rgb(86, 210,  
150) }
```

Background

The CSS property to change the background color of an element to RGB 86, 210, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 210, 150) }
```

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

```
.background{ background-color: rgb(86, 210,  
150) }
```

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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