

Converting Colors

RGB(136, 221, 136)

Have a look what the booklet for
RGB(136, 221, 136) contains.

RGB(136, 221, 136)	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(136, 221, 136)

Conversions

Conversions Part 1

Format	Color
Hex	88DD88
RGB	136, 221, 136
RGB Percent	53%, 87%, 53%
CMY	0.4667, 0.1333, 0.4667
CMYK	0.38, 0.00, 0.38, 0.13
HSL	120°, 56%, 70%
HSV	120°, 38%, 87%
XYZ	40.4537, 58.7247, 32.4954
YIQ	185.8950, -23.3750, -44.4550

Conversions

Conversions Part 2

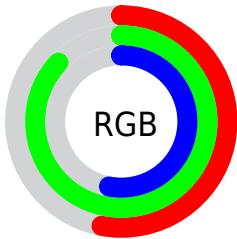
Format	Color
RYB	136, 221, 221
Decimal	8969608
CIELab	81.14, -42.60, 33.83
CIELCh	81, 54.399, 141.548
Yxy	58.7247, 0.3072, 0.4460
Android (android.graphics.Color)	4287159688 (0xFF88DD88)
YUV	185.8950, -24.5982, -43.7579
Hunter-Lab	76.6321, -39.8767, 28.5008

Details

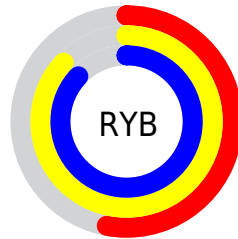
The RGB color **136, 221, 136** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **221, 136, 221**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **192, 255, 190**, and **81, 165, 85** is the 20% darker color. If you saturate the color by 10%, you get **114, 221, 114**, and if you desaturate by 10%, it is **158, 221, 158**.

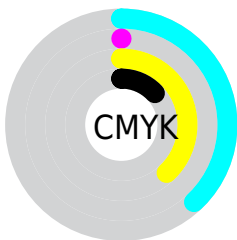
Distribution



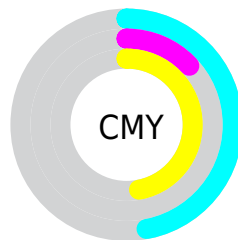
- Red (53%)
- Green (87%)
- Blue (53%)



- Red (53%)
- Yellow (87%)
- Blue (87%)



- Cyan (38%)
- Magenta (0%)
- Yellow (38%)
- Black (13%)



- Cyan (47%)
- Magenta (13%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 136, 221, 136 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 136, 221, 136 by changing the saturation by 10% instead.


 136, 221, 136

 136, 221, 136


255, 255, 255

 108, 193, 110

 192, 255, 190


 81, 165, 85

 221, 255, 218

 53, 138, 61

 251, 255, 247

 18, 112, 37

 0, 87, 11

 0, 63, 0

 0, 42, 0

 0, 8, 0

 0, 0, 0

 136, 221, 136

 136, 221, 136

 114, 221, 114

 158, 221, 158

 92, 221, 92

 180, 221, 180

 70, 221, 70

 202, 221, 202

 48, 221, 48

 224, 221, 224

 25, 221, 25

 247, 221, 247

 3, 221, 3

 255, 221, 255

 0, 221, 0

Harmonies

Analogous

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



196, 210, 103



136, 221, 136



38, 227, 185

Triad

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



136, 221, 136



74, 211, 255



255, 161, 167

Complementary

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



136, 221, 136



221, 136, 221

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, 161, 218



136, 221, 136



183, 194, 255

Square

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



136, 221, 136



0, 222, 255



251, 174, 255



255, 175, 123

Rectangle

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



136, 221, 136



0, 228, 220



251, 174, 255



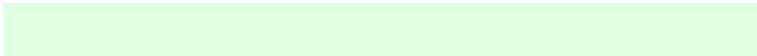
255, 159, 184

Sweetspot

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



136, 221, 136



224, 255, 224



221, 221, 136



110, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



136, 221, 136



138, 255, 138



136, 221, 179



99, 110, 99



0, 173, 0



0, 46, 0

Inverse Universe

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



221, 136, 221



255, 138, 255



221, 136, 179



110, 99, 110



173, 0, 173



46, 0, 46

Previews

White Background



This preview shows how the RGB color 136, 221, 136 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 136, 221, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

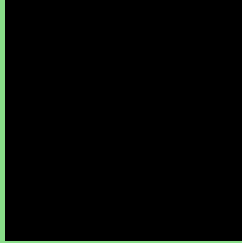
Any Text WCAG AA ✓ Pass

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 136, 221, 136 Background



This preview shows how black text looks on a background with the RGB color 136, 221, 136.

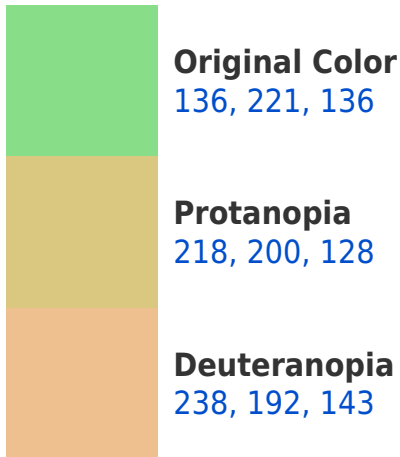


This preview shows how white text looks on a background with the RGB color 136, 221, 136.

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
154, 210, 227

Trichromacy



Original Color

136, 221, 136



Protanomaly

188, 208, 131



Deuteranomaly

201, 203, 140



Tritanomaly

147, 214, 194

Monochromacy



Original Color

136, 221, 136



Achromatopsia

186, 186, 186



Achromatomaly

168, 199, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 136, 221, 136 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(136, 221, 136)` looks like.

```
.text, #text, p{  
    color:rgb(136, 221, 136)  
}
```

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(136, 221, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 221, 136) }
```

Border

The CSS property to change the border of an element to RGB 136, 221, 136 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(136, 221, 136) }
```

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

```
.border{ border-color:rgb(136, 221, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 221, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 221, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 221, 136); box-shadow:4px 4px 4px 4px rgb(136, 221, 136) }
```

Background

The CSS property to change the background color of an element to RGB 136, 221, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 221, 136) }
```

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

```
.background{ background-color: rgb(136,  
221, 136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor