

Converting Colors

RGB(133, 190, 115)

Have a look what the booklet for
RGB(133, 190, 115) contains.

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Color

RGB(133, 190, 115)

Conversions

Conversions Part 1

Format	Color
Hex	85BE73
RGB	133, 190, 115
RGB Percent	52%, 75%, 45%
CMY	0.4784, 0.2549, 0.5490
CMYK	0.30, 0.00, 0.39, 0.25
HSL	106°, 37%, 60%
HSV	106°, 39%, 75%
XYZ	31.1808, 43.0513, 22.8860
YIQ	164.4070, -9.8970, -35.4090

Conversions

Conversions Part 2

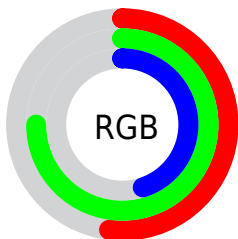
Format	Color
RYB	115, 190, 172
Decimal	8765043
CIELab	71.59, -32.70, 32.10
CIELCh	72, 45.825, 135.528
Yxy	43.0513, 0.3211, 0.4433
Android (android.graphics.Color)	4286955123 (0xFF85BE73)
YUV	164.4070, -24.3577, -27.5439
Hunter-Lab	65.6135, -29.9968, 25.2491

Details

The RGB color **133, 190, 115** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **172, 115, 190**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **188, 247, 168**, and **81, 136, 65** is the 20% darker color. If you saturate the color by 10%, you get **119, 190, 96**, and if you desaturate by 10%, it is **147, 190, 134**.

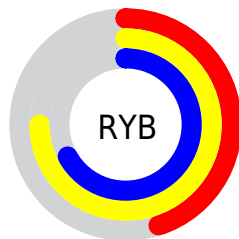
Distribution



Red (52%)

Green (75%)

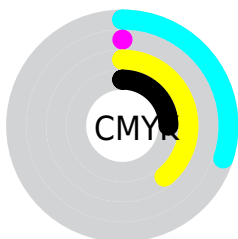
Blue (45%)



Red (45%)

Yellow (75%)

Blue (67%)

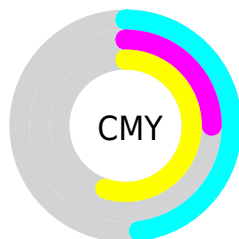


Cyan (30%)

Magenta (0%)

Yellow (39%)

Black (25%)



Cyan (48%)

Magenta (25%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 133, 190, 115 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 133, 190, 115 by changing the saturation by 10% instead.

 133, 190, 115

255, 255, 255

 188, 247, 168


 216, 255, 195


 245, 255, 223

 255, 255, 252

 133, 190, 115

 107, 163, 90

 81, 136, 65

 55, 111, 42

 28, 86, 18


 0, 62, 0

 0, 40, 0

 0, 11, 0

 0, 0, 0

 133, 190, 115


 133, 190, 115

 119, 190, 96

 147, 190, 134


 104, 190, 77


 162, 190, 153

 90, 190, 58


 176, 190, 172


 75, 190, 39


 191, 190, 191

 61, 190, 20

 205, 190, 210

 46, 190, 1

 220, 190, 229

 46, 190, 0

 234, 190, 248

 249, 190, 255

 255, 190, 255

Harmonies

Analogous

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



180, 180, 93



133, 190, 115



72, 196, 153

Triad

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



133, 190, 115



57, 186, 255



255, 142, 155

Complementary

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



133, 190, 115



172, 115, 190

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.



243, 144, 197



133, 190, 115



147, 172, 255

Square

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



133, 190, 115



0, 194, 234



207, 156, 234



246, 151, 118

Rectangle

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



133, 190, 115



0, 197, 182



207, 156, 234



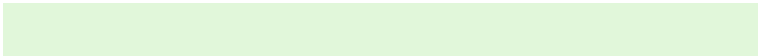
254, 141, 169

Sweetspot

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



133, 190, 115



225, 247, 218



190, 171, 115



112, 125, 107



252, 252, 252



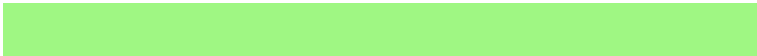
125, 125, 125

Same Dimension

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



133, 190, 115



159, 247, 131



115, 190, 134



87, 94, 85



38, 158, 0



7, 31, 0

Inverse Universe

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



172, 115, 190



219, 131, 247



190, 115, 171



92, 85, 94



120, 0, 158



23, 0, 31

Previews

White Background



This preview shows how the RGB color 133, 190, 115 looks on a white background.

Color Contrast Check

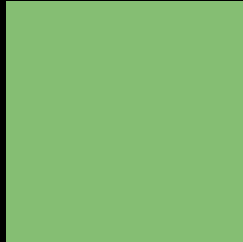
Large Text (above 18pt) WCAG AA × Fail

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 133, 190, 115 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 133, 190, 115 Background



This preview shows how black text looks on a background with the RGB color 133, 190, 115.

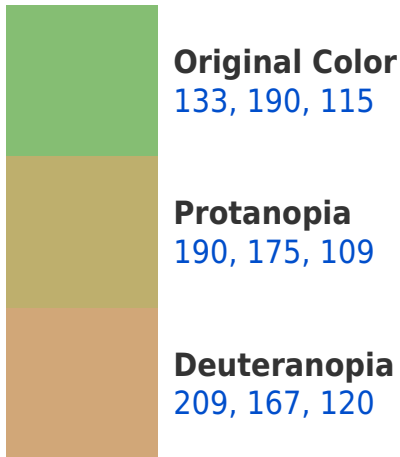


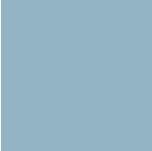
This preview shows how white text looks on a background with the RGB color 133, 190, 115.

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
146, 180, 195

Trichromacy



Original Color
133, 190, 115

Protanomaly
169, 180, 111

Deuteranomaly
181, 175, 118

Tritanomaly
141, 184, 166

Monochromacy



Original Color
133, 190, 115

Achromatopsia
164, 164, 164

Achromatomaly
153, 173, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 133, 190, 115 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(133, 190, 115)` looks like.

```
.text, #text, p{  
    color:rgb(133, 190, 115)  
}
```

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(133, 190, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 190, 115) }
```

Border

The CSS property to change the border of an element to RGB 133, 190, 115 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(133, 190, 115) }
```

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

```
.border{ border-color:rgb(133, 190, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 190, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 190, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 190, 115);  
box-shadow:4px 4px 4px 4px rgb(133, 190,  
115) }
```

Background

The CSS property to change the background color of an element to RGB 133, 190, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 190, 115) }
```

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

```
.background{ background-color: rgb(133,  
190, 115) }
```

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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