

Converting Colors

RGB(145, 180, 136)

Have a look what the booklet for
RGB(145, 180, 136) contains.

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Color

RGB(145, 180, 136)

Conversions

Conversions Part 1

Format	Color
Hex	91B488
RGB	145, 180, 136
RGB Percent	57%, 71%, 53%
CMY	0.4314, 0.2941, 0.4667
CMYK	0.19, 0.00, 0.24, 0.29
HSL	108°, 23%, 62%
HSV	108°, 24%, 71%
XYZ	32.4422, 40.4398, 29.3883
YIQ	164.5190, -6.7360, -21.1040

Conversions

Conversions Part 2

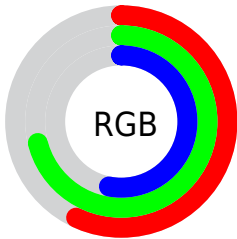
Format	Color
RYB	136, 180, 171
Decimal	9548936
CIELab	69.78, -20.32, 18.65
CIELCh	70, 27.578, 137.454
Yxy	40.4398, 0.3172, 0.3954
Android (android.graphics.Color)	4287739016 (0xFF91B488)
YUV	164.5190, -14.0599, -17.1182
Hunter-Lab	63.5923, -20.2230, 17.1146

Details

The RGB color **145, 180, 136** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **171, 136, 180**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **199, 236, 189**, and **94, 127, 86** is the 20% darker color. If you saturate the color by 10%, you get **131, 180, 118**, and if you desaturate by 10%, it is **159, 180, 154**.

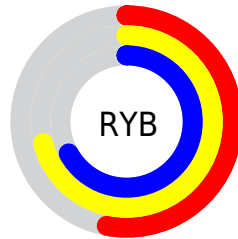
Distribution



Red (57%)

Green (71%)

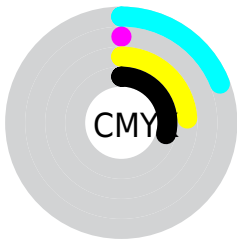
Blue (53%)



Red (53%)

Yellow (71%)

Blue (67%)

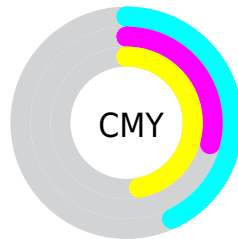


Cyan (19%)

Magenta (0%)

Yellow (24%)

Black (29%)



Cyan (43%)


Magenta (29%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 145, 180, 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 145, 180, 136 by changing the saturation by 10% instead.

 145, 180, 136

255, 255, 255

 199, 236, 189

 228, 255, 217

 255, 255, 246


 145, 180, 136


 119, 153, 111

 94, 127, 86

 69, 102, 62

 46, 78, 40

 23, 55, 19

 1, 33, 0

 0, 0, 0

 145, 180, 136

 131, 180, 118

 145, 180, 136

 159, 180, 154

■ 116, 180, 100

■ 174, 180, 172

■ 102, 180, 82

■ 188, 180, 190

■ 88, 180, 64

■ 202, 180, 208

■ 73, 180, 46

■ 217, 180, 226

■ 59, 180, 28

■ 231, 180, 244

■ 45, 180, 10

■ 245, 180, 255

■ 37, 180, 0

■ 255, 180, 255

Harmonies

Analogous

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



173, 174, 122



145, 180, 136



117, 184, 159

Triad

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



145, 180, 136



124, 176, 219



221, 152, 157

Complementary

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



145, 180, 136



171, 136, 180

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.



214, 153, 182



145, 180, 136



160, 168, 218

Square

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



145, 180, 136



98, 182, 207



192, 159, 205



215, 157, 135

Rectangle

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



145, 180, 136



102, 185, 176



192, 159, 205



220, 152, 165

Sweetspot

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



145, 180, 136



222, 235, 218



180, 170, 136



110, 117, 108



245, 245, 245



117, 117, 117

Same Dimension

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



145, 180, 136



180, 235, 167



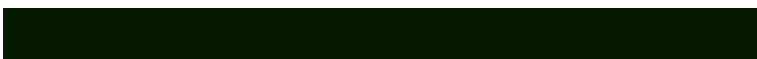
136, 180, 148



82, 89, 80



31, 153, 0



5, 26, 0

Inverse Universe

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



171, 136, 180



221, 167, 235



180, 136, 168



87, 80, 89



122, 0, 153



20, 0, 26

Previews

White Background



This preview shows how the RGB color 145, 180, 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 145, 180, 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 145, 180, 136 Background



This preview shows how black text looks on a background with the RGB color 145, 180, 136.

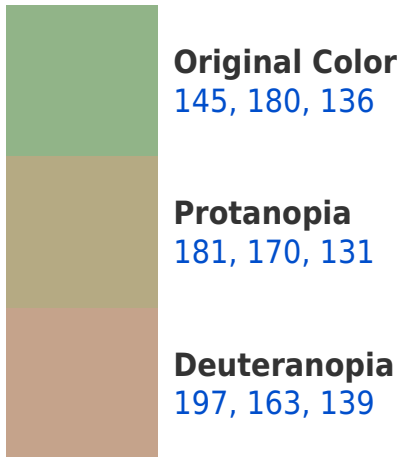


This preview shows how white text looks on a background with the RGB color 145, 180, 136.

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
153, 173, 187

Trichromacy



Original Color
145, 180, 136

Protanomaly
168, 174, 133

Deuteranomaly
178, 169, 138

Tritanomaly
150, 176, 168

Monochromacy



Original Color
145, 180, 136

Achromatopsia
165, 165, 165

Achromatomaly
158, 170, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 145, 180, 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(145, 180, 136)` looks like.

```
.text, #text, p{  
    color:rgb(145, 180, 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(145, 180, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 180, 136) }
```

Border

The CSS property to change the border of an element to RGB 145, 180, 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(145, 180, 136) }
```

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

```
.border{ border-color:rgb(145, 180, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 180, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 180, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 180, 136);  
box-shadow:4px 4px 4px 4px rgb(145, 180,  
136) }
```

Background

The CSS property to change the background color of an element to RGB 145, 180, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 180, 136) }
```

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

```
.background{ background-color: rgb(145,  
180, 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](#).

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