

Converting Colors

RGB(153, 175, 140)

Have a look what the booklet for
RGB(153, 175, 140) contains.

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Color

RGB(153, 175, 140)

Conversions

Conversions Part 1

Format	Color
Hex	99AF8C
RGB	153, 175, 140
RGB Percent	60%, 69%, 55%
CMY	0.4000, 0.3137, 0.4510
CMYK	0.13, 0.00, 0.20, 0.31
HSL	98°, 18%, 62%
HSV	98°, 20%, 69%
XYZ	33.2005, 39.3257, 30.6517
YIQ	164.4320, -1.8770, -15.5490

Conversions

Conversions Part 2

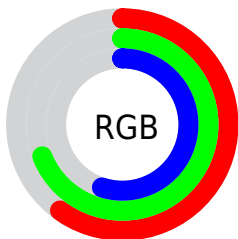
Format	Color
RYB	140, 175, 162
Decimal	10071948
CIELab	68.99, -14.19, 15.45
CIELCh	69, 20.978, 132.563
Yxy	39.3257, 0.3218, 0.3811
Android (android.graphics.Color)	4288262028 (0xFF99AF8C)
YUV	164.4320, -12.0450, -10.0259
Hunter-Lab	62.7102, -15.2402, 14.9172

Details

The RGB color **153, 175, 140** is a light color, and the websafe version is hex **999966**. A complement of this color would be **162, 140, 175**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **208, 231, 194**, and **102, 123, 90** is the 20% darker color. If you saturate the color by 10%, you get **142, 175, 123**, and if you desaturate by 10%, it is **164, 175, 158**.

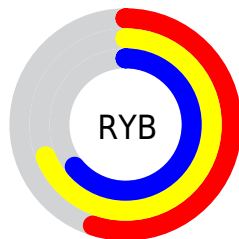
Distribution



Red (60%)

Green (69%)

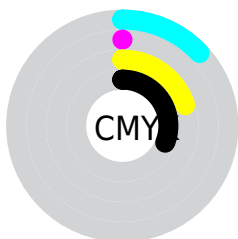
Blue (55%)



Red (55%)

Yellow (69%)

Blue (64%)

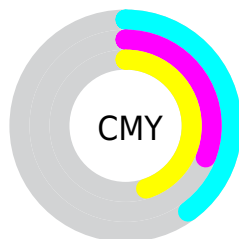


Cyan (13%)

Magenta (0%)

Yellow (20%)

Black (31%)



Cyan (40%)

Magenta (31%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 175, 140 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 153, 175, 140 by changing the saturation by 10% instead.

 153, 175, 140


255, 255, 255


 208, 231, 194

 236, 255, 222

 255, 255, 250

 153, 175, 140

 127, 148, 114

 102, 123, 90

 77, 98, 66


 54, 74, 44

 32, 51, 23

 13, 30, 0


 0, 0, 0

 153, 175, 140


 142, 175, 123


 153, 175, 140

 164, 175, 158


 131, 175, 105

 175, 175, 175

 120, 175, 88


 186, 175, 193


 109, 175, 70


 197, 175, 210


 98, 175, 53

 208, 175, 228


 87, 175, 35

 219, 175, 245

 76, 175, 17

 230, 175, 255

 65, 175, 0

 241, 175, 255

 252, 175, 255

Harmonies

Analogous

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



175, 170, 131



153, 175, 140



132, 178, 156

Triad

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



153, 175, 140



132, 173, 204



207, 155, 161

Complementary

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



153, 175, 140



162, 140, 175

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.



199, 156, 180



153, 175, 140



157, 167, 205

Square

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



153, 175, 140



117, 178, 193



181, 161, 196



205, 158, 143

Rectangle

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



153, 175, 140



122, 179, 169



181, 161, 196



206, 155, 167

Sweetspot

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



153, 175, 140



218, 227, 213



175, 162, 140



110, 115, 107



242, 242, 242



115, 115, 115

Same Dimension

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



153, 175, 140



193, 227, 172



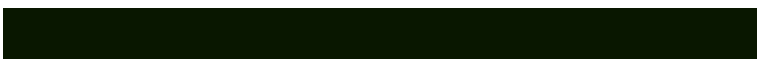
140, 175, 144



81, 87, 78



56, 150, 0



9, 23, 0

Inverse Universe

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



162, 140, 175



207, 172, 227



175, 140, 171



83, 78, 87



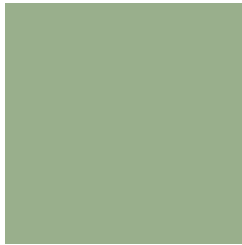
95, 0, 150



14, 0, 23

Previews

White Background



This preview shows how the RGB color 153, 175, 140 looks on a white background.

Color Contrast Check

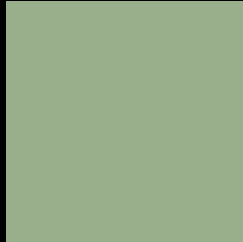
Large Text (above 18pt) WCAG AA × Fail

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 153, 175, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

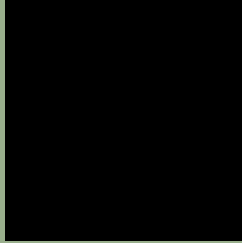
Any Text WCAG AA ✓ Pass

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 153, 175, 140 Background



This preview shows how black text looks on a background with the RGB color 153, 175, 140.



This preview shows how white text looks on a background with the RGB color 153, 175, 140.

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](#).

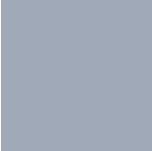
Dichromacy



Original Color
153, 175, 140

Protanopia
178, 168, 136

Deuteranopia
193, 162, 143



Tritanopia
160, 169, 183

Trichromacy



Original Color
153, 175, 140

Protanomaly
169, 171, 137

Deuteranomaly
178, 167, 142

Tritanomaly
157, 171, 167

Monochromacy



Original Color
153, 175, 140

Achromatopsia
164, 164, 164

Achromatomaly
160, 168, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 175, 140 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(153, 175, 140)` looks like.

```
.text, #text, p{  
    color:rgb(153, 175, 140)  
}
```

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(153, 175, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 175, 140) }
```

Border

The CSS property to change the border of an element to RGB 153, 175, 140 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(153, 175, 140) }
```

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

```
.border{ border-color:rgb(153, 175, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 175, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 175, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 175, 140);  
box-shadow:4px 4px 4px 4px rgb(153, 175,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 153, 175, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 175, 140) }
```

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

```
.background{ background-color: rgb(153,  
175, 140) }
```

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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