

Converting Colors

HunterLab(51.8192, -11.1482,
14.4686)

Have a look what the booklet for
HunterLab(51.8192, -11.1482,
14.4686) contains.

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Color

**HunterLab(51.8231,
-10.9875, 14.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	87926F
RGB	135, 146, 111
RGB Percent	53%, 57%, 44%
CMY	0.4706, 0.4274, 0.5647
CMYK	0.08, 0.00, 0.24, 0.43
HSL	79°, 14%, 50%
HSV	79°, 24%, 57%
XYZ	23.1398, 26.8563, 19.0031
YIQ	138.7210, 4.6790, -13.2170

Conversions

Conversions Part 2

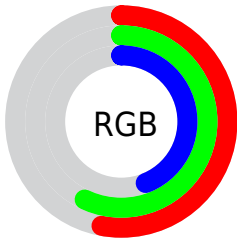
Format	Color
R_{YB}	111, 146, 122
Decimal	8884847
CIE _{Lab}	58.84, -10.38, 17.27
CIE _{LCh}	59, 20.151, 121.021
Yxy	26.8575, 0.3354, 0.3892
Android (android.graphics.Color)	4287074927 (0xFF87926F)
YUV	138.7210, -13.6665, -3.2633
Hunter-Lab	51.8231, -10.9875, 14.5350

Details

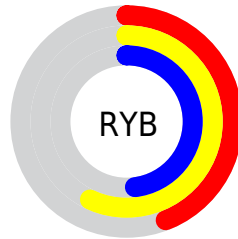
The HunterLab color $51.8231, -10.9875, 14.5350$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $41.9315, 7.0754, -12.4919$, and the grayscale version is $50.7529, -2.7080, 2.7575$.

A 20% lighter version of the original color is $74.0079, -13.1361, 17.6139$, and $32.6434, -8.8617, 11.4182$ is the 20% darker color. If you saturate the color by 10%, you get $51.1754, -13.9427, 18.3564$, and if you desaturate by 10%, it is $52.5308, -7.7741, 10.1065$.

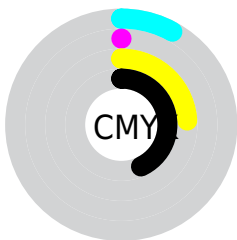
Distribution



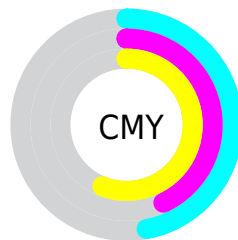
- Red (53%)
- Green (57%)
- Blue (44%)



- Red (44%)
- Yellow (57%)
- Blue (48%)



- Cyan (8%)
- Magenta (0%)
- Yellow (24%)
- Black (43%)



- Cyan (47%)
- Magenta (43%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8231, -10.9875, 14.5350 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 HunterLab color 51.8231, -10.9875, 14.5350 by changing the saturation by 10% instead.

■ 51.8231, -10.9875,
14.5350

■ 51.8231, -10.9875,
14.5350

169.4009,
-21.4664, 27.9687

■ 41.7926, -9.8458,
12.9456

■ 73.9291, -13.2666,
17.6042

■ 32.5076, -8.6903,
11.2955

■ 85.9246, -14.4102,
19.1045

■ 24.0350, -7.5096,
9.5560

■ 98.5066, -15.5606,
20.5918

■ 16.4616, -6.2815,
7.6787

■ 111.6491,
-16.7198, 22.0708

■ 9.9106, -5.1519,
6.9374

125.3291,
-17.8891, 23.5454

0.0000, NaN, NaN

139.5262,

0.0000, NaN, NaN

-19.0695, 25.0185

0.0000, NaN, NaN

154.2223,
-20.2617, 26.4923

0.0000, NaN, NaN

■ 51.8231, -10.9875,
14.5350

■ 51.8231, -10.9875,
14.5350

■ 51.1754, -13.9427,
18.3564

■ 52.5308, -7.7741,
10.1065

■ 50.5836, -16.6301,
21.5682

■ 53.2952, -4.3066,
5.0761

■ 50.0482, -19.0485,
24.1778

■ 54.1172, -0.5963,
-0.5429

■ 49.5675, -21.1988,
26.2008

■ 54.9963, 3.3452,
-6.7337

■ 49.1396, -23.0864,
27.6629

■ 55.9317, 7.5055,
-13.4757

■ 48.7615, -24.7219,
28.6025

■ 56.9226, 11.8711,
-20.7456

■ 48.4295, -26.1237,
29.0754

■ 57.9679, 16.4284,
-28.5182

■ 48.2434, -26.9031,
29.2564

■ 59.0662, 21.1637,
-36.7670

■ 60.2163, 26.0634,
-45.4649

Harmonies

Analogous

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



51.8242, -3.0612, 16.1727



51.8231, -10.9875, 14.5350



51.8242, -16.4084, 9.8547

Triad

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



51.8242, -10.9888, 14.5356



51.8242, -10.5116, -12.8488



51.8242, 14.7563, 3.0994

Complementary

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



51.8231, -10.9875, 14.5350



41.9315, 7.0754, -12.4919

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.



51.8242, 12.4477, -5.3619



51.8231, -10.9875, 14.5350



51.8242, -2.4741, -15.4246

Square

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



51.8242, -10.9888, 14.5356



51.8242, -16.1457, -5.9241



51.8242, 5.9995, -12.4889



51.8242, 12.1215, 10.2658

Rectangle

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



51.8231, -10.9875, 14.5350



51.8242, -18.0592, 5.2080



51.8242, 5.9995, -12.4889



51.8242, 14.5315, 0.3146

Sweetspot

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



51.8242, -10.9888, 14.5356



70.4548, -7.2145, 8.9441



45.8869, 3.8094, 8.9099



33.2067, -3.5109, 4.3765



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



51.8242, -10.9888, 14.5356



68.3380, -16.8404, 22.2539



50.5552, -15.6659, 13.2398



25.7957, -3.0018, 3.7977



45.2687, -25.1834, 27.4535



5.1629, -2.1807, 3.1432

Inverse Universe

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



41.9315, 7.0754, -12.4919



52.2508, 12.6550, -22.0183



43.5130, 12.1367, -10.0312



23.9085, 0.4240, -1.3044



15.3170, 38.1538, -82.5275



2.0747, 4.6304, -7.0110

Previews

White Background



This preview shows how the HunterLab color 51.8231, -10.9875, 14.5350 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 51.8231, -10.9875, 14.5350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

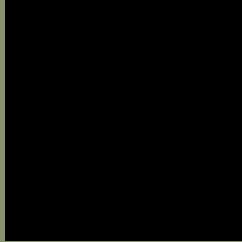
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

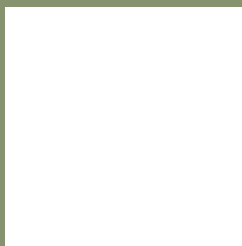
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 51.8231, -10.9875, 14.5350 Background



This preview shows how black text looks on a background with the HunterLab color 51.8231, -10.9875, 14.5350.



This preview shows how white text looks on a background with the HunterLab color 51.8231,

-10.9875, 14.5350.

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

51.8231, -10.9875, 14.5350

Protanopia

51.7041, -4.0093, 15.1990

Deuteranopia

51.7686, 3.5426, 14.0690



Tritanopia

51.9418, -0.9402, -1.9184

Trichromacy



Original Color

51.8231, -10.9875, 14.5350

Protanomaly

51.7595, -6.7289, 14.8781

Deuteranomaly

51.7649, -2.2120, 14.3009

Tritanomaly

51.9038, -4.9059, 4.8621

Monochromacy



Original Color

51.8231, -10.9875, 14.5350

Achromatopsia

50.8117, -2.7112, 2.7607

Achromatomaly

51.3169, -5.9175, 7.5219

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8231, -10.9875, 14.5350 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(135, 146, 111)` looks like.

```
.text, #text, p{  
    color:rgb(135, 146, 111)  
}
```

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(135, 146, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 146, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8231, -10.9875, 14.5350 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(135, 146, 111) }
```


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

```
.border{ border-color:rgb(135, 146, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 146, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 146, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 146, 111);  
box-shadow:4px 4px 4px 4px rgb(135, 146,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8231, -10.9875, 14.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 146, 111) }
```

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

```
.background{ background-color: rgb(135,  
146, 111) }
```

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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