

Converting Colors

HunterLab(51.3461, -19.2682,
9.8065)

Have a look what the booklet for
HunterLab(51.3461, -19.2682,
9.8065) contains.

HunterLab(51.2309, -18.8991, 9.5506)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(51.2309,
-18.8991, 9.5506)**

Conversions

Conversions Part 1

Format	Color
Hex	69967B
RGB	105, 150, 123
RGB Percent	41%, 59%, 48%
CMY	0.5882, 0.4118, 0.5176
CMYK	0.30, 0.00, 0.18, 0.41
HSL	144°, 18%, 50%
HSV	144°, 30%, 59%
XYZ	20.3072, 26.2461, 22.7347
YIQ	133.4670, -18.1530, -17.9370

Conversions

Conversions Part 2

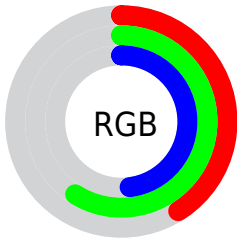
Format	Color
RYB	105, 137, 150
Decimal	6919803
CIELab	58.27, -21.22, 9.40
CIELCh	58, 23.209, 156.105
Yxy	26.2471, 0.2931, 0.3788
Android (android.graphics.Color)	4285109883 (0xFF69967B)
YUV	133.4670, -5.1602, -24.9656
Hunter-Lab	51.2309, -18.8991, 9.5506

Details

The HunterLab color $51.2309, -18.8991, 9.5506$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $42.7244, 16.2905, -3.6836$, and the grayscale version is $48.6410, -2.5954, 2.6428$.

A 20% lighter version of the original color is $73.1088, -22.3784, 11.7661$, and $32.0294, -15.2083, 7.4776$ is the 20% darker color. If you saturate the color by 10%, you get $50.2019, -23.2804, 11.7247$, and if you desaturate by 10%, it is $52.4146, -14.0186, 7.3582$.

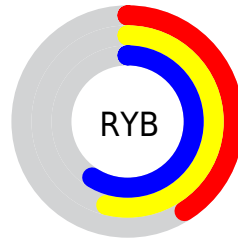
Distribution



Red (41%)

Green (59%)

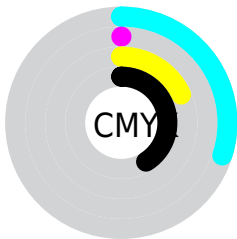
Blue (48%)



Red (41%)

Yellow (54%)

Blue (59%)

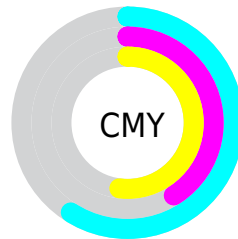


Cyan (30%)

Magenta (0%)

Yellow (18%)

Black (41%)



Cyan (59%)

Magenta (41%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.2309, -18.8991, 9.5506 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 51.2309, -18.8991, 9.5506 by changing the saturation by 10% instead.

■ 51.2309, -18.8991,
9.5506

■ 51.2309, -18.8991,
9.5506

168.5210,
-33.9430, 19.6505

■ 41.2415, -17.0810,
8.4624

■ 73.2621, -22.3863,
11.7289

■ 32.0010, -15.1841,
7.3639

■ 85.2232, -24.0795,
12.8263

■ 23.5771, -13.1746,
6.2430

■ 97.7724, -25.7506,
13.9330

■ 16.0584, -10.9927,
5.0767

■ 110.8836,
-27.4056, 15.0506

■ 9.5707, -10.1783,
4.5948

124.5334,
-29.0492, 16.1804

0.0000, NaN, NaN

138.7015,

0.0000, NaN, NaN

-30.6847, 17.3233

0.0000, NaN, NaN

153.3695,
-32.3152, 18.4798

0.0000, NaN, NaN

■ 51.2309, -18.8991,
9.5506

■ 51.2309, -18.8991,
9.5506

■ 50.2019, -23.2804,
11.7247

■ 52.4146, -14.0186,
7.3582

■ 49.3250, -27.1200,
13.8542

■ 53.7475, -8.6839,
5.1681

■ 48.5993, -30.3899,
15.9139

■ 55.2268, -2.9472,
3.0007

■ 48.0205, -33.0761,
17.8781

■ 56.8477, 3.1391,
0.8728

■ 47.5813, -35.1831,
19.7221

■ 58.6043, 9.5241,
-1.2025

■ 47.2704, -36.7373,
21.4230

■ 60.4903, 16.1599,
-3.2148

■ 47.0531, -37.8728,
22.9442

■ 62.4990, 23.0033,
-5.1571

■ 64.6237, 30.0159,
-7.0247

■ 66.8577, 37.1643,
-8.8151

Harmonies

Analogous

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



51.2320, -13.4069, 15.2942



51.2309, -18.8991, 9.5506



51.2320, -20.2109, 0.8390

Triad

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



51.2320, -18.8999, 9.5512



51.2320, -0.7103, -18.5083



51.2320, 13.4491, 12.2941

Complementary

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



51.2309, -18.8991, 9.5506



42.7244, 16.2905, -3.6836

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.



51.2320, 17.4482, 4.6646



51.2309, -18.8991, 9.5506



51.2320, 8.8860, -13.9718

Square

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



51.2320, -18.8999, 9.5512



51.2320, -10.1710, -16.5280



51.2320, 15.7185, -5.0433



51.2320, 5.1480, 16.6564

Rectangle

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



51.2309, -18.8991, 9.5506



51.2320, -18.6309, -5.7720



51.2320, 15.7185, -5.0433



51.2320, 15.3685, 10.0873

Sweetspot

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



51.2320, -18.8999, 9.5512



71.5537, -10.9276, 6.6268



52.7258, -14.0984, 17.2137



33.5673, -5.6061, 3.3011



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



51.2320, -18.8999, 9.5512



67.1171, -29.0879, 14.6299



51.8206, -15.5099, 1.1250



25.5041, -3.8989, 2.3636



42.8574, -34.4463, 20.7916



4.7996, -3.4507, 1.4499

Inverse Universe

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



42.7244, 16.2905, -3.6836



53.4934, 27.4533, -6.4859



42.0940, 13.0886, 5.2878



24.2287, 1.3473, 0.3687



24.4876, 44.4623, -3.7619



2.8148, 5.2969, -1.8746

Previews

White Background



This preview shows how the HunterLab color 51.2309, -18.8991, 9.5506 looks on a white background.

Color Contrast Check

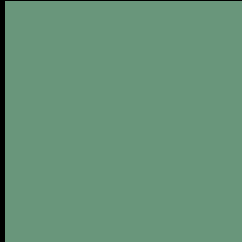
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.2309, -18.8991, 9.5506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

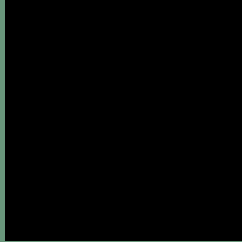
Any Text WCAG AA ✓ Pass

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 51.2309, -18.8991, 9.5506 Background



This preview shows how black text looks on a background with the HunterLab color 51.2309, -18.8991, 9.5506.



This preview shows how white text looks on a background with the HunterLab color 51.2309,

-18.8991, 9.5506.

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

51.2309, -18.8991, 9.5506

Protanopia

50.9669, -3.2630, 11.4100

Deuteranopia

51.0915, 3.2801, 8.6337



Tritanopia

51.1174, -9.5129, -5.6664

Trichromacy



Original Color

51.2309, -18.8991, 9.5506

Protanomaly

50.8984, -9.3644, 10.5005

Deuteranomaly

50.7206, -5.2584, 8.4817

Tritanomaly

51.1498, -13.2567, 0.2349

Monochromacy



Original Color

51.2309, -18.8991, 9.5506

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

49.2556, -8.7773, 5.1975

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.2309, -18.8991, 9.5506 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(105, 150, 123)` looks like.

```
.text, #text, p{  
    color:rgb(105, 150, 123)  
}
```

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(105, 150, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 150, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 51.2309, -18.8991, 9.5506 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(105, 150, 123) }
```


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

```
.border{ border-color:rgb(105, 150, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 150, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 150, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 150, 123);  
box-shadow:4px 4px 4px 4px rgb(105, 150,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.2309, -18.8991, 9.5506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 150, 123) }
```

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

```
.background{ background-color: rgb(105,  
150, 123) }
```

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