

Converting Colors

HunterLab(52.0393, -7.7886,
16.8080)

Have a look what the booklet for
HunterLab(52.0393, -7.7886,
16.8080) contains.

HunterLab(51.9482, -7.7550, 16.6211)	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(51.9482, -7.7550,
16.6211)**

Conversions

Conversions Part 1

Format	Color
Hex	919069
RGB	145, 144, 105
RGB Percent	57%, 56%, 41%
CMY	0.4314, 0.4353, 0.5882
CMYK	0.00, 0.01, 0.28, 0.43
HSL	59°, 16%, 49%
HSV	59°, 28%, 57%
XYZ	24.2001, 26.9862, 17.2979
YIQ	139.8530, 13.1150, -11.9170

Conversions

Conversions Part 2

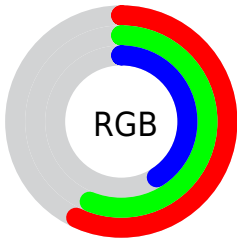
Format	Color
R_{YB}	106, 145, 105
Decimal	9539689
CIE Lab	58.96, -6.21, 20.92
CIE LCh	59, 21.826, 106.521
Yxy	26.9874, 0.3534, 0.3941
Android (android.graphics.Color)	4287729769 (0xFF919069)
YUV	139.8530, -17.1825, 4.5139
Hunter-Lab	51.9482, -7.7550, 16.6211

Details

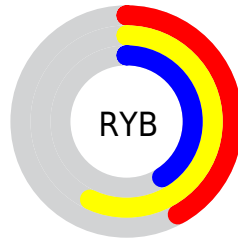
The HunterLab color $51.9482, -7.7550, 16.6211$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $39.1858, 4.7206, -16.3030$, and the grayscale version is $51.2154, -2.7327, 2.7826$.

A 20% lighter version of the original color is $74.1152, -9.8877, 20.3352$, and $32.6810, -6.0832, 13.0088$ is the 20% darker color. If you saturate the color by 10%, you get $51.5799, -9.0671, 20.3768$, and if you desaturate by 10%, it is $52.3651, -6.1959, 12.2187$.

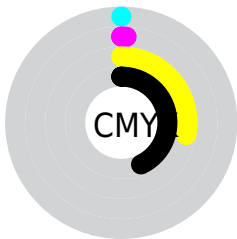
Distribution



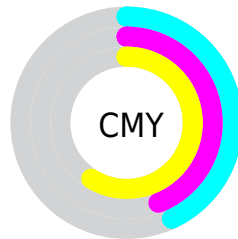
- Red (57%)
- Green (56%)
- Blue (41%)



- Red (42%)
- Yellow (57%)
- Blue (41%)



- Cyan (0%)
- Magenta (1%)
- Yellow (28%)
- Black (43%)



- Cyan (43%)
- Magenta (44%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.9482, -7.7550, 16.6211 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 51.9482, -7.7550, 16.6211 by changing the saturation by 10% instead.

■ 51.9482, -7.7550,
16.6211

■ 51.9482, -7.7550,
16.6211

169.5865,
-16.5263, 31.6604

■ 41.9091, -6.8623,
14.7882

■ 74.0700, -9.5862,
20.1220

■ 32.6148, -5.9779,
12.8698

■ 86.0726, -10.5249,
21.8170

■ 24.1318, -5.0977,
10.8300

■ 98.6616, -11.4807,
23.4877

■ 16.5470, -4.2114,
8.6346

■ 111.8107,
-12.4540, 25.1406

■ 9.9827, -3.3158,
6.9879

125.4970,
-13.4451, 26.7808

0.0000, NaN, NaN

139.7002,

0.0000, NaN, NaN

-14.4542, 28.4122

0.0000, NaN, NaN

154.4022,
-15.4813, 30.0379

0.0000, NaN, NaN

■ 51.9482, -7.7550,
16.6211

■ 51.9482, -7.7550,
16.6211

■ 51.5799, -9.0671,
20.3768

■ 52.3651, -6.1959,
12.2187

■ 51.2553, -10.1327,
23.4963

■ 52.8283, -4.3829,
7.1623

■ 50.9735, -10.9611,
25.9999

■ 53.3398, -2.3175,
1.4531

■ 50.7323, -11.5634,
27.9155

■ 53.9003, -0.0018,
-4.9028

■ 50.5288, -11.9541,
29.2807

■ 54.5100, 2.5603,
-11.8944

■ 50.3595, -12.1525,
30.1447

■ 55.1690, 5.3631,
-19.5064

■ 50.2171, -12.1984,
30.6113

■ 55.8773, 8.3994,
-27.7199

■ 50.1837, -12.2039,
30.7093

■ 56.6345, 11.6611,
-36.5130

■ 57.4402, 15.1390,
-45.8616

Harmonies

Analogous

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



51.9494, 1.4544, 16.7852



51.9482, -7.7550, 16.6211



51.9494, -15.1098, 13.2127

Triad

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



51.9494, -7.7565, 16.6217



51.9494, -14.5020, -11.0731



51.9494, 15.7597, -1.2906

Complementary

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



51.9482, -7.7550, 16.6211



39.1858, 4.7206, -16.3030

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.



51.9494, 10.8309, -10.2742



51.9482, -7.7550, 16.6211



51.9494, -6.8727, -16.5562

Square

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



51.9494, -7.7565, 16.6217



51.9494, -18.8129, -2.2393



51.9494, 2.4023, -16.2405



51.9494, 15.4813, 7.4308

Rectangle

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



51.9482, -7.7550, 16.6211



51.9494, -18.1624, 9.1517



51.9494, 2.4023, -16.2405



51.9494, 14.6429, -4.4072

Sweetspot

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



51.9494, -7.7565, 16.6217



70.6584, -6.0157, 10.0021



41.4376, 10.8282, 6.0822



33.2846, -3.0036, 5.1796



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.



51.9494, -7.7565, 16.6217



69.2110, -11.4897, 25.4125



50.7266, -13.7183, 15.3962



25.0254, -2.2232, 3.7977



46.4834, -11.3117, 28.4448



4.5967, -1.1816, 2.8118

Inverse Universe

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



39.1858, 4.7206, -16.3030



48.5414, 8.9591, -28.5286



40.5069, 10.3133, -14.0692



22.9678, -0.2491, -1.4146



13.5152, 34.7291, -91.8628



1.4458, 2.9000, -8.0673

Previews

White Background



This preview shows how the HunterLab color 51.9482, -7.7550, 16.6211 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 51.9482, -7.7550, 16.6211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

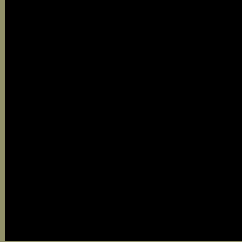
Any Text WCAG AA ✓ Pass

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 51.9482, -7.7550, 16.6211 Background



This preview shows how black text looks on a background with the HunterLab color 51.9482, -7.7550, 16.6211.



This preview shows how white text looks on a background with the HunterLab color 51.9482, -7.7550,

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

51.9482, -7.7550, 16.6211

Protanopia

51.9816, -4.7061, 17.0104

Deuteranopia

51.8511, 3.5671, 16.1073



Tritanopia

51.8905, 3.0188, -0.4609

Trichromacy



Original Color

51.9482, -7.7550, 16.6211

Protanomaly

51.9942, -6.1394, 16.9967

Deuteranomaly

51.8428, -0.7491, 16.3378

Tritanomaly

51.8065, -1.0570, 6.5088

Monochromacy



Original Color

51.9482, -7.7550, 16.6211

Achromatopsia

51.2104, -2.7325, 2.7824

Achromatomaly

51.3155, -4.5413, 8.3420

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.9482, -7.7550, 16.6211 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, 144, 105)` looks like.

```
.text, #text, p{  
    color:rgb(145, 144, 105)  
}
```

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, 144, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 144, 105) }
```

Border

The CSS property to change the border of an element to HunterLab 51.9482, -7.7550, 16.6211 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, 144, 105) }
```


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

```
.border{ border-color:rgb(145, 144, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 144, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 144, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 144, 105);  
box-shadow:4px 4px 4px 4px rgb(145, 144,  
105) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.9482, -7.7550, 16.6211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 144, 105) }
```

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

```
.background{ background-color: rgb(145,  
144, 105) }
```

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