

Converting Colors

HunterLab(55.7415, 9.2521,
16.1652)

Have a look what the booklet for
HunterLab(55.7415, 9.2521,
16.1652) contains.

HunterLab(55.8738, 9.0406, 16.4000)	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(55.8738, 9.0406,
16.4000)**

Conversions

Conversions Part 1

Format	Color
Hex	BB8E76
RGB	187, 142, 118
RGB Percent	73%, 56%, 46%
CMY	0.2667, 0.4431, 0.5373
CMYK	0.00, 0.24, 0.37, 0.27
HSL	21°, 34%, 60%
HSV	21°, 37%, 73%
XYZ	33.4366, 31.2188, 21.4030
YIQ	152.7190, 34.5240, 2.0760

Conversions

Conversions Part 2

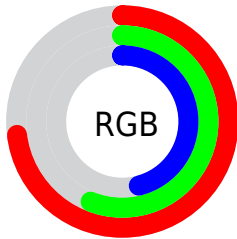
Format	Color
RYB	187, 155, 118
Decimal	12291702
CIELab	62.69, 13.77, 19.39
CIELCh	63, 23.782, 54.612
Yxy	31.2203, 0.3885, 0.3628
Android (android.graphics.Color)	4290481782 (0xFFBB8E76)
YUV	152.7190, -17.1165, 30.0644
Hunter-Lab	55.8738, 9.0406, 16.4000

Details

The HunterLab color $55.8738, 9.0406, 16.4000$ is a dark color, and the websafe version is hex $CC9999$. A complement of this color would be $57.9936, -10.5744, -12.5144$, and the grayscale version is $56.3844, -3.0085, 3.0635$.

A 20% lighter version of the original color is $78.4954, 8.8613, 19.7982$, and $36.0409, 8.3316, 13.0920$ is the 20% darker color. If you saturate the color by 10%, you get $52.3319, 13.1943, 19.0181$, and if you desaturate by 10%, it is $59.6150, 5.1902, 13.3991$.

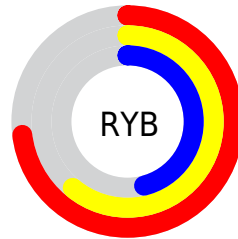
Distribution



Red (73%)

Green (56%)

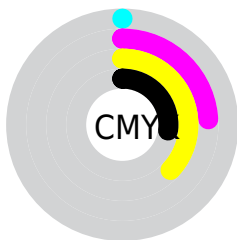
Blue (46%)



Red (73%)

Yellow (61%)

Blue (46%)

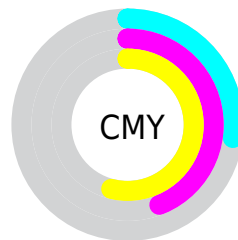


Cyan (0%)

Magenta (24%)

Yellow (37%)

Black (27%)



Cyan (27%)

Magenta (44%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.8738, 9.0406, 16.4000 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 55.8738, 9.0406, 16.4000 by changing the saturation by 10% instead.

■ 55.8738, 9.0406,
16.4000

■ 55.8738, 9.0406,
16.4000

175.3716, 7.8625,
30.7114

■ 45.5704, 8.8645,
14.6924

■ 78.4772, 9.1635,
19.6913

■ 35.9910, 8.6031,
12.9188

■ 90.7019, 9.1296,
21.2958

■ 27.1966, 8.2400,
11.0516

■ 103.5027, 9.0388,
22.8831

■ 19.2648, 7.7553,
9.0460

116.8547, 8.8954,
24.4586

■ 12.3021, 7.1210,
7.7704

130.7361, 8.7032,
26.0263

■ 5.4603, 10.6994,
3.8222

145.1274, 8.4653,

0.0000, NaN, NaN

27.5893

0.0000, NaN, NaN

160.0112, 8.1842,
29.1504

0.0000, NaN, NaN

■ 55.8738, 9.0406,
16.4000

■ 55.8738, 9.0406,
16.4000

■ 52.3319, 13.1943,
19.0181

■ 59.6150, 5.1902,
13.3991

■ 49.0097, 17.6593,
21.1858

■ 63.5301, 1.6360,
10.0698

■ 45.9355, 22.4137,
22.8336

■ 67.6020, -1.6451,
6.4611

■ 43.1384, 27.4057,
23.8936

■ 71.8145, -4.6765,
2.6127

■ 40.6479, 32.5400,
24.3160

■ 76.1541, -7.4825,
-1.4428

■ 38.4887, 37.6589,
24.1192

■ 80.6089, -10.0861,
-5.6785

■ 37.8836, 39.1867,
24.0297

■ 85.1688, -12.5088,
-10.0726

■ 89.3572, -17.3926,
-8.0169

■ 93.4090, -23.4363,
-2.9030

Harmonies

Analogous

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



55.8751, 16.3242, 10.3785



55.8738, 9.0406, 16.4000



55.8751, -1.0996, 18.8221

Triad

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



55.8751, 9.0383, 16.4008



55.8751, -21.4827, 4.7934



55.8751, 5.5649, -17.0978

Complementary

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



55.8738, 9.0406, 16.4000



57.9936, -10.5744, -12.5144

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.



55.8751, -4.8444, -19.3304



55.8738, 9.0406, 16.4000



55.8751, -19.9817, -5.4491

Square

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



55.8751, 9.0383, 16.4008



55.8751, -18.3289, 12.9489



55.8751, -14.0693, -14.7376



55.8751, 14.2186, -9.0961

Rectangle

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



55.8738, 9.0406, 16.4000



55.8751, -7.9262, 18.4590



55.8751, -14.0693, -14.7376



55.8751, 2.1355, -18.6027

Sweetspot

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



55.8751, 9.0383, 16.4008



88.1138, -0.3650, 10.7559



51.1882, 27.8429, -8.6518



41.0014, 0.1089, 5.3560



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



55.8751, 9.0383, 16.4008



71.0474, 16.4060, 24.7339



65.3666, -7.3701, 24.6030



31.7248, -0.4105, 3.5128



31.6412, 31.9926, 20.0573



7.1862, 4.0352, 4.4988

Inverse Universe

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



57.9936, -10.5744, -12.5144



74.4145, -15.0036, -21.4966



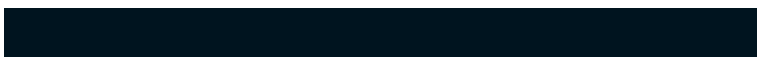
48.2414, 5.7035, -27.9553



31.9930, -2.8635, -0.1141



34.9175, -4.6672, -33.5688



7.7172, -2.1379, -5.0306

Previews

White Background



This preview shows how the HunterLab color 55.8738, 9.0406, 16.4000 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 HunterLab color 55.8738, 9.0406, 16.4000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

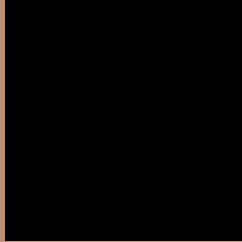
Any Text WCAG AA ✓ Pass

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](#).

HunterLab 55.8738, 9.0406, 16.4000 Background



This preview shows how black text looks on a background with the HunterLab color 55.8738, 9.0406, 16.4000.



This preview shows how white text looks on a background with the HunterLab color 55.8738, 9.0406,

16.4000.

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

55.8738, 9.0406, 16.4000

Protanopia

56.0702, -4.4034, 15.0034

Deuteranopia

55.9527, 3.6899, 16.7090



Tritanopia

55.9126, 16.0254, 5.0243

Trichromacy



Original Color

55.8738, 9.0406, 16.4000

Protanomaly

55.7731, 0.3913, 15.1441

Deuteranomaly

55.9990, 5.2541, 16.7796

Tritanomaly

55.7586, 13.6172, 9.4307

Monochromacy



Original Color

55.8738, 9.0406, 16.4000

Achromatopsia

56.4399, -3.0115, 3.0665

Achromatomaly

56.0247, 0.7197, 8.2778

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.8738, 9.0406, 16.4000 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(187, 142, 118)` looks like.

```
.text, #text, p{  
    color:rgb(187, 142, 118)  
}
```

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(187, 142, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 142, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 55.8738, 9.0406, 16.4000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

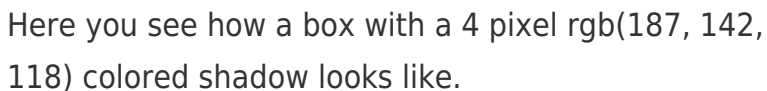
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 142, 118) }
```


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

```
.border{ border-color:rgb(187, 142, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 142, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 142, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 142, 118); box-shadow:4px 4px 4px 4px rgb(187, 142, 118) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.8738, 9.0406, 16.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 142, 118) }
```

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

```
.background{ background-color: rgb(187,  
142, 118) }
```

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