

Converting Colors

HunterLab(57.9957, -0.9174,
11.9058)

Have a look what the booklet for
HunterLab(57.9957, -0.9174,
11.9058) contains.

HunterLab(58.1088, -1.1101, 12.0209)	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(58.1088, -1.1101,
12.0209)**

Conversions

Conversions Part 1

Format	Color
Hex	AA9B88
RGB	170, 155, 136
RGB Percent	67%, 61%, 53%
CMY	0.3333, 0.3921, 0.4667
CMYK	0.00, 0.09, 0.20, 0.33
HSL	34°, 17%, 60%
HSV	34°, 20%, 67%
XYZ	32.7429, 33.7663, 28.0844
YIQ	157.3190, 15.0390, -2.7290

Conversions

Conversions Part 2

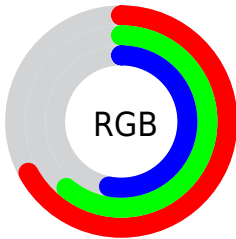
Format	Color
RYB	163, 170, 136
Decimal	11180936
CIELab	64.78, 2.33, 11.96
CIELCh	65, 12.185, 78.980
Yxy	33.7678, 0.3461, 0.3570
Android (android.graphics.Color)	4289371016 (0xFFAA9B88)
YUV	157.3190, -10.5103, 11.1212
Hunter-Lab	58.1088, -1.1101, 12.0209

Details

The HunterLab color $58.1088, -1.1101, 12.0209$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $55.0173, -3.8934, -7.1507$, and the grayscale version is $58.2340, -3.1072, 3.1640$.

A 20% lighter version of the original color is $80.8973, -1.7890, 14.5322$, and $37.9790, -0.1880, 9.6549$ is the 20% darker color. If you saturate the color by 10%, you get $55.5907, 0.3944, 15.6470$, and if you desaturate by 10%, it is $60.7159, -2.3658, 7.9416$.

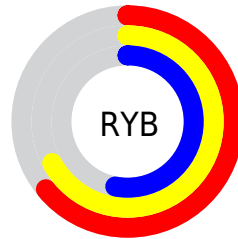
Distribution



Red (67%)

Green (61%)

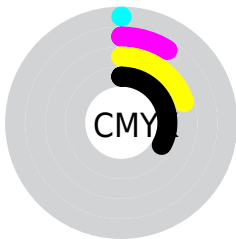
Blue (53%)



Red (64%)

Yellow (67%)

Blue (53%)

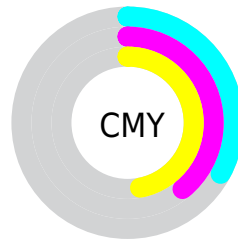


Cyan (0%)

Magenta (9%)

Yellow (20%)

Black (33%)



Cyan (33%)

Magenta (39%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.1088, -1.1101, 12.0209 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 58.1088, -1.1101, 12.0209 by changing the saturation by 10% instead.

■ 58.1088, -1.1101,
12.0209

■ 58.1088, -1.1101,
12.0209

178.6325, -6.6549,
23.2132

■ 47.6606, -0.6794,
10.7834

■ 80.9768, -2.1032,
14.4770

■ 37.9255, -0.2941,
9.5274

■ 93.3238, -2.6562,
15.7041

■ 28.9617, 0.0386,
8.2401

■ 106.2415, -3.2443,
16.9352

■ 20.8425, 0.3113,
6.8995

119.7056, -3.8656,
18.1726

■ 13.6669, 0.5129,
5.4667

133.6948, -4.5187,
19.4180

■ 7.2728, 1.0071,
5.0910

148.1902, -5.2021,

0.0000, NaN, NaN

20.6726

0.0000, NaN, NaN

163.1746, -5.9145,
21.9374

0.0000, NaN, NaN

■ 58.1088, -1.1101,
12.0209

■ 58.1088, -1.1101,
12.0209

■ 55.5907, 0.3944,
15.6470

■ 60.7159, -2.3658,
7.9416

■ 53.1638, 2.1675,
18.7780

■ 63.4021, -3.3830,
3.4445

■ 50.8361, 4.2192,
21.3750

■ 66.1633, -4.1793,
-1.4341

■ 48.6143, 6.5577,
23.4007

■ 68.9947, -4.7705,
-6.6615

■ 46.5054, 9.1848,
24.8241

■ 71.8916, -5.1716,
-12.2081

■ 44.5159, 12.0931,
25.6264

■ 74.8499, -5.3969,
-18.0469

■ 42.6511, 15.2619,
25.8113

■ 77.8657, -5.4603,
-24.1531

■ 40.9069, 18.6143,
25.5325

■ 80.2261, -9.2881,
-20.6463

■ 40.9068, 18.6145,
25.5325

■ 82.6249, -13.0727,
-17.2044

Harmonies

Analogous

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



58.1101, 3.8470, 10.1124



58.1088, -1.1101, 12.0209



58.1101, -6.4320, 11.7251

Triad

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



58.1101, -1.1119, 12.0217



58.1101, -12.5714, -0.1313



58.1101, 4.9138, -3.6776

Complementary

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



58.1088, -1.1101, 12.0209



55.0173, -3.8934, -7.1507

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.



58.1101, 0.3012, -6.9396



58.1088, -1.1101, 12.0209



58.1101, -9.7424, -4.7670

Square

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



58.1101, -1.1119, 12.0217



58.1101, -12.9187, 5.0140



58.1101, -5.0691, -7.3556



58.1101, 7.4092, 1.2493

Rectangle

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



58.1088, -1.1101, 12.0209



58.1101, -9.4726, 10.3086



58.1101, -5.0691, -7.3556



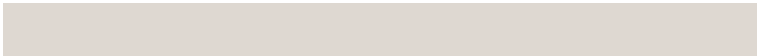
58.1101, 3.5518, -5.0236

Sweetspot

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



58.1101, -1.1119, 12.0217



83.1790, -3.7566, 8.4045



53.2907, 10.5521, 0.3052



39.1732, -1.7321, 4.1459



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



58.1101, -1.1119, 12.0217



76.7536, -0.6408, 18.4380



62.3579, -8.8489, 16.1227



28.6559, -1.1512, 3.5902



35.2448, 15.6189, 21.9911



6.3374, 0.7684, 3.9185

Inverse Universe

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



55.0173, -3.8934, -7.1507



71.6913, -5.1705, -12.9805



50.8810, 3.8968, -12.8948



27.9727, -1.7702, -0.6376



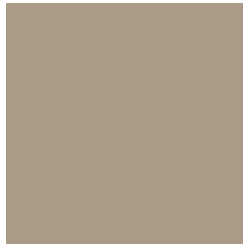
24.3774, 10.3622, -52.8386



4.9727, -0.5349, -5.0607

Previews

White Background



This preview shows how the HunterLab color 58.1088, -1.1101, 12.0209 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 58.1088, -1.1101, 12.0209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

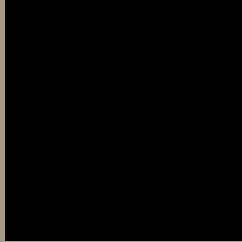
Any Text WCAG AA ✓ Pass

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 58.1088, -1.1101, 12.0209 Background



This preview shows how black text looks on a background with the HunterLab color 58.1088, -1.1101, 12.0209.



This preview shows how white text looks on a background with the HunterLab color 58.1088, -1.1101, 12.0209.

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

58.1088, -1.1101, 12.0209

Protanopia

58.2404, -3.5704, 11.7315

Deuteranopia

58.0023, 4.3742, 11.6250



Tritanopia

58.0188, 5.8741, 0.4442

Trichromacy



Original Color

58.1088, -1.1101, 12.0209

Protanomaly

58.1365, -2.4430, 11.6442

Deuteranomaly

57.8729, 2.5048, 11.4584

Tritanomaly

57.9025, 3.4577, 4.8807

Monochromacy



Original Color

58.1088, -1.1101, 12.0209

Achromatopsia

58.0658, -3.0982, 3.1548

Achromatomaly

57.9899, -2.3249, 6.6211

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.1088, -1.1101, 12.0209 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(170, 155, 136)` looks like.

```
.text, #text, p{  
    color:rgb(170, 155, 136)  
}
```

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(170, 155, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 155, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 58.1088, -1.1101, 12.0209 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(170, 155, 136) }
```


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

```
.border{ border-color:rgb(170, 155, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 155, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 155, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 155, 136);  
box-shadow:4px 4px 4px 4px rgb(170, 155,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.1088, -1.1101, 12.0209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 155, 136) }
```

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

```
.background{ background-color: rgb(170,  
155, 136) }
```

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