

Converting Colors

HunterLab(62.9007, -15.0228,
38.4961)

Have a look what the booklet for
HunterLab(62.9007, -15.0228,
38.4961) contains.

HunterLab(62.7313, -15.0151, 38.3918)	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>	30

Color

**HunterLab(62.7313,
-15.0151, 38.3918)**

Conversions

Conversions Part 1

Format	Color
Hex	B2AD00
RGB	178, 173, 0
RGB Percent	70%, 68%, 0%
CMY	0.3020, 0.3215, 0.9999
CMYK	0.00, 0.03, 1.00, 0.30
HSL	58°, 100%, 35%
HSV	58°, 100%, 70%
XYZ	33.3037, 39.3522, 5.8405
YIQ	154.7730, 58.5130, -52.7430

Conversions

Conversions Part 2

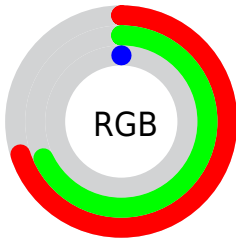
Format	Color
RYB	5, 178, 0
Decimal	11709696
CIELab	69.01, -13.91, 71.13
CIELCh	69, 72.480, 101.064
Yxy	39.3540, 0.4243, 0.5013
Android (android.graphics.Color)	4289899776 (0xFFB2AD00)
YUV	154.7730, -76.3031, 20.3701
Hunter-Lab	62.7313, -15.0151, 38.3918

Details

The HunterLab color **62.7313, -15.0151, 38.3918** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **18.2299, 47.3165, -124.9246**, and the grayscale version is **57.4450, -3.0651, 3.1211**.

A 20% lighter version of the original color is **86.0473, -17.7282, 47.7452**, and **42.1185, -11.3127, 25.7552** is the 20% darker color. If you saturate the color by 10%, you get **62.7326, -15.0173, 38.3926**, and if you desaturate by 10%, it is **62.9198, -15.0488, 37.9754**.

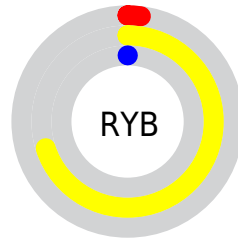
Distribution



Red (70%)

Green (68%)

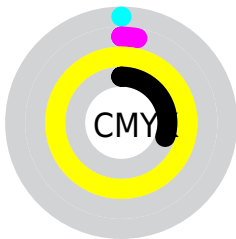
Blue (0%)



Red (2%)

Yellow (70%)

Blue (0%)

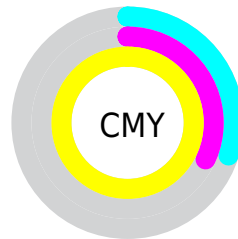


Cyan (0%)

Magenta (3%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (32%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.7313, -15.0151, 38.3918 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 62.7313, -15.0151, 38.3918 by changing the saturation by 10% instead.

■ 62.7313, -15.0151,
38.3918

■ 62.7313, -15.0151,
38.3918

185.3087,
-26.9705, 76.3151

■ 51.9954, -13.6801,
33.3390

■ 86.1271, -17.6621,
47.8478

■ 41.9520, -12.3229,
28.0462

■ 98.7186, -18.9794,
52.2976

■ 32.6542, -10.9337,
22.8579

■ 111.8701,
-20.2977, 56.5920

■ 24.1675, -9.4933,
16.9173

■ 125.5588,
-21.6194, 60.7499

■ 16.5785, -7.9689,
11.6049

■ 139.7643,
-22.9463, 64.7880

■ 10.0093, -6.6704,
7.0065

■ 154.4684,

0.0000, NaN, NaN

-24.2797, 68.7205

0.0000, NaN, NaN

169.6549,
-25.6208, 72.5593

0.0000, NaN, NaN

■ 62.7313, -15.0151,
38.3918

■ 62.7313, -15.0151,
38.3918

■ 62.7326, -15.0173,
38.3926

■ 62.9198, -15.0488,
37.9754

■ 63.1376, -14.9063,
37.1053

■ 63.3978, -14.5254,
35.6137

■ 63.7054, -13.8784,
33.4295

■ 64.0643, -12.9443,
30.4988

■ 64.4780, -11.7072,
26.7812

■ 64.9489, -10.1557,
22.2481

■ 65.4791, -8.2823,
16.8810

■ 66.0704, -6.0830,
10.6709

Harmonies

Analogous

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



62.7328, 18.4894, 37.8072



62.7313, -15.0151, 38.3918



62.7328, -39.6832, 33.9240

Triad

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



62.7328, -15.0174, 38.3922



62.7328, -44.2227, -50.2644



62.7328, 68.2675, -19.3791

Complementary

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



62.7313, -15.0151, 38.3918



18.2299, 47.3165, -124.9246

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.



62.7328, 43.7649, -60.8769



62.7313, -15.0151, 38.3918



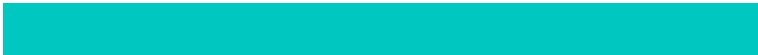
62.7328, -22.5593, -84.1459

Square

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



62.7328, -15.0174, 38.3922



62.7328, -54.0822, -9.2447



62.7328, 9.2364, -88.8002



62.7328, 71.4487, 13.8855

Rectangle

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



62.7313, -15.0151, 38.3918



62.7328, -49.6094, 26.0839



62.7328, 9.2364, -88.8002



62.7328, 62.0467, -33.1655

Sweetspot

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



62.7328, -15.0174, 38.3922



87.4275, -13.7977, 30.3119



30.7870, 52.7624, 19.5653



41.0232, -6.9246, 15.5177



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



62.7328, -15.0174, 38.3922



84.4430, -20.1705, 51.6802



58.5409, -39.5314, 35.3800



31.4085, -2.8148, 4.8587



53.0796, -12.7254, 32.4846



9.4824, -2.3559, 5.8018

Inverse Universe

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



18.2299, 47.3165, -124.9246



24.4344, 64.2130, -169.1583



22.4883, 52.8000, -96.2647



28.7525, -0.2765, -1.8905



15.4697, 39.8107, -105.2755



2.9648, 6.1715, -17.0281

Previews

White Background



This preview shows how the HunterLab color 62.7313, -15.0151, 38.3918 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 62.7313, -15.0151, 38.3918 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 62.7313, -15.0151, 38.3918 Background



This preview shows how black text looks on a background with the HunterLab color 62.7313, -15.0151, 38.3918.



This preview shows how white text looks on a background with the HunterLab color 62.7313, -15.0151, 38.3918.

-15.0151, 38.3918.

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

62.7313, -15.0151, 38.3918

Deuteranopia

62.7359, 4.5542, 37.8681

Tritanopia

62.7102, 7.7405, 1.3983

Trichromacy



Original Color

62.7313, -15.0151, 38.3918

Deuteranomaly

62.6315, -3.1059, 38.0748

Tritanomaly

61.9277, -3.8082, 23.9693

Monochromacy



Original Color

62.7313, -15.0151, 38.3918

Achromatopsia

57.2519, -3.0548, 3.1106

Achromatomaly

58.7606, -10.8578, 24.1072

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.7313, -15.0151, 38.3918 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(178, 173, 0)` looks like.

```
.text, #text, p{  
    color:rgb(178, 173, 0)  
}
```

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(178, 173, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 173, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 62.7313, -15.0151, 38.3918 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(178, 173, 0) }
```

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

```
.border{ border-color:rgb(178, 173, 0) }
```

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

Here you see how a box with a 4 pixel rgb(178, 173, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 173, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 173, 0);  
box-shadow:4px 4px 4px 4px rgb(178, 173,  
0) }
```


Background

The CSS property to change the background color of an element to HunterLab 62.7313, -15.0151, 38.3918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 173, 0) }
```

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

```
.background{ background-color: rgb(178,  
173, 0) }
```

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