

Converting Colors

HunterLab(23.5607, 21.9398,
-1.1289)

Have a look what the booklet for
HunterLab(23.5607, 21.9398,
-1.1289) contains.

HunterLab(23.5499, 21.8909, -0.9750)	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(23.5499, 21.8909,
-0.9750)**

Conversions

Conversions Part 1

Format	Color
Hex	6C2D49
RGB	108, 45, 73
RGB Percent	42%, 18%, 29%
CMY	0.5765, 0.8235, 0.7137
CMYK	0.00, 0.58, 0.32, 0.58
HSL	333°, 41%, 30%
HSV	333°, 58%, 42%
XYZ	8.3253, 5.5460, 6.9351
YIQ	67.0290, 28.5600, 22.0640

Conversions

Conversions Part 2

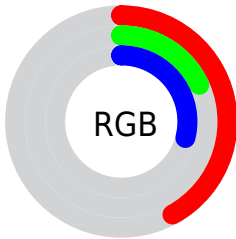
Format	Color
R_{YB}	108, 45, 73
Decimal	7089481
CIE _{Lab}	28.24, 31.38, -3.60
CIE _{LCh}	28, 31.582, 353.454
Yxy	5.5463, 0.4001, 0.2666
Android (android.graphics.Color)	4285279561 (0xFF6C2D49)
YUV	67.0290, 2.9437, 35.9316
Hunter-Lab	23.5499, 21.8909, -0.9750

Details

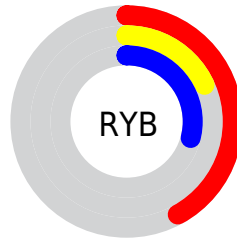
The HunterLab color **23.5499, 21.8909, -0.9750** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **34.4418, -19.3663, 7.8179**, and the grayscale version is **23.6852, -1.2638, 1.2869**.

A 20% lighter version of the original color is **41.3125, 24.2892, -0.0790**, and **9.8163, 17.7656, -1.0591** is the 20% darker color. If you saturate the color by 10%, you get **21.7925, 25.5501, -0.5716**, and if you desaturate by 10%, it is **25.6165, 17.8872, -1.0233**.

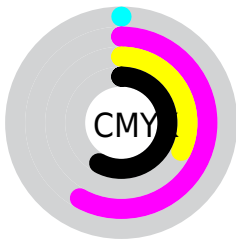
Distribution



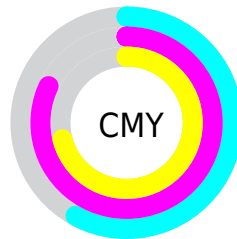
- Red (42%)
- Green (18%)
- Blue (29%)



- Red (42%)
- Yellow (18%)
- Blue (29%)



- Cyan (0%)
- Magenta (58%)
- Yellow (32%)
- Black (58%)














- Cyan (58%)
- Magenta (82%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.5499, 21.8909, -0.9750 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 23.5499, 21.8909, -0.9750 by changing the saturation by 10% instead.

 23.5499, 21.8909, -0.9750	 23.5499, 21.8909, -0.9750
 124.4871, 29.6061, 2.9669	 16.0350, 20.4460, -1.1392
 41.2094, 24.3618, -0.4366	 9.5510, 18.9130, -1.2151
 51.1975, 25.4036, -0.0816	0.0000, INF, -NF
 61.8831, 26.3319, 0.3231	0.0000, NaN, NaN
 73.2233, 27.1577, 0.7731	0.0000, NaN, NaN
 85.1823, 27.8904, 1.2650	0.0000, NaN, NaN
 97.7297, 28.5383,	0.0000, NaN, NaN

1.7961

0.0000, NaN, NaN

110.8390, 29.1082,
2.3641

■ 23.5499, 21.8909,
-0.9750

■ 23.5499, 21.8909,
-0.9750

■ 21.7925, 25.5501,
-0.5716

■ 25.6165, 17.8872,
-1.0233

■ 20.3814, 28.6260,
0.2171

■ 27.9489, 13.7283,
-0.7700

■ 19.3438, 30.8615,
1.3814

■ 30.5089, 9.5340,
-0.2688

■ 18.5716, 32.4566,
2.7356

■ 33.2629, 5.3734,
0.4314

■ 18.4432, 32.7415,
2.9494

■ 36.1827, 1.2811,
1.2904

■ 39.2453, -2.7304,
2.2764

■ 42.4319, -6.6605,
3.3650

■ 45.7275, -10.5147,
4.5375

■ 49.1195, -14.3016,
5.7795

Harmonies

Analogous

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



23.5505, 16.9082, -12.9648



23.5499, 21.8909, -0.9750



23.5505, 19.8626, 7.6279

Triad

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



23.5505, 21.8895, -0.9744



23.5505, -8.6502, 12.8595



23.5505, -11.9523, -19.4973

Complementary

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



23.5499, 21.8909, -0.9750



34.4418, -19.3663, 7.8179

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.



23.5505, -16.8437, -7.5416



23.5499, 21.8909, -0.9750



23.5505, -15.1793, 9.9829

Square

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



23.5505, 21.8895, -0.9744



23.5505, 1.0485, 13.3846



23.5505, -17.9142, 3.3350



23.5505, -3.4788, -26.2576

Rectangle

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



23.5499, 21.8909, -0.9750



23.5505, 14.9565, 10.9231



23.5505, -17.9142, 3.3350



23.5505, -14.0065, -15.7574

Sweetspot

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



23.5505, 21.8895, -0.9744



44.4010, 6.6449, 0.6628



21.5641, 19.5791, -25.3774



21.5801, 3.6529, 0.2528



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



23.5505, 21.8895, -0.9744



28.1524, 35.4161, -0.4437



23.4609, 17.6905, 8.4912



17.7117, 0.7548, 0.6066



20.1292, 35.7093, 3.4139



45.2507, 79.9233, 10.4018

Inverse Universe

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



23.5505, 21.8895, -0.9744



28.1524, 35.4161, -0.4437



34.2248, -13.8640, -3.7314



17.7117, 0.7548, 0.6066



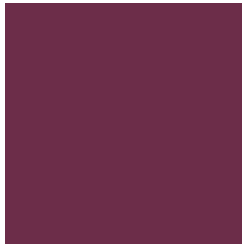
20.1292, 35.7093, 3.4139



45.2507, 79.9233, 10.4018

Previews

White Background



This preview shows how the HunterLab color 23.5499, 21.8909, -0.9750 looks on a white 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

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 23.5499, 21.8909, -0.9750 Background



This preview shows how black text looks on a background with the HunterLab color 23.5499, 21.8909, -0.9750.



This preview shows how white text looks on a background with the HunterLab color 23.5499, 21.8909, -0.9750.

-0.9750.

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

23.5499, 21.8909, -0.9750

Protanopia

23.9302, 0.7443, -7.5815

Deuteranopia

23.7471, 1.6143, 0.1942



Tritanopia

23.4901, 17.2886, 6.2758

Trichromacy



Original Color

23.5499, 21.8909, -0.9750

Protanomaly

23.2366, 7.8192, -5.9132

Deuteranomaly

23.3655, 8.6762, -0.5770

Tritanomaly

23.5923, 18.7574, 4.1224

Monochromacy



Original Color

23.5499, 21.8909, -0.9750

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

23.1332, 6.7232, -0.0579

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.5499, 21.8909, -0.9750 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(108, 45, 73)` looks like.

```
.text, #text, p{  
    color:rgb(108, 45, 73)  
}
```

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(108, 45, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 45, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 23.5499, 21.8909, -0.9750 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(108, 45, 73) }
```


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

```
.border{ border-color:rgb(108, 45, 73) }
```

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

Here you see how a box with a 4 pixel rgb(108, 45, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 45, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 45, 73);  
box-shadow:4px 4px 4px 4px rgb(108, 45,  
73) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.5499, 21.8909, -0.9750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 45, 73) }
```

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

```
.background{ background-color: rgb(108, 45,  
73) }
```

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