

Converting Colors

HunterLab(49.9025, -2.3694,
19.7389)

Have a look what the booklet for
HunterLab(49.9025, -2.3694,
19.7389) contains.

HunterLab(49.9025, -2.3694, 19.7389)	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(49.9025, -2.3694,
19.7389)

Conversions

Conversions Part 1

Format	Color
Hex	9A8758
RGB	154, 135, 88
RGB Percent	60%, 53%, 35%
CMY	0.3961, 0.4706, 0.6549
CMYK	0.00, 0.12, 0.43, 0.40
HSL	43°, 27%, 47%
HSV	43°, 43%, 60%
XYZ	23.7519, 24.9026, 12.7873
YIQ	135.3230, 26.4110, -10.5890

Conversions

Conversions Part 2

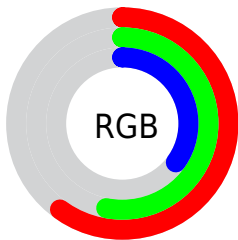
Format	Color
R_{YB}	115, 154, 88
Decimal	10127192
CIE _{Lab}	56.98, 0.36, 27.89
CIE _{LCh}	57, 27.889, 89.252
Yxy	24.9038, 0.3866, 0.4053
Android (android.graphics.Color)	4288317272 (0xFF9A8758)
YUV	135.3230, -23.3302, 16.3797
Hunter-Lab	49.9025, -2.3694, 19.7389

Details

The HunterLab color $49.9025, -2.3694, 19.7389$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $38.6299, 2.2396, -23.0796$, and the grayscale version is $49.4333, -2.6376, 2.6858$.

A 20% lighter version of the original color is $71.7859, -3.2324, 24.0033$, and $30.9554, -1.7278, 15.0263$ is the 20% darker color. If you saturate the color by 10%, you get $48.4392, -1.5800, 22.1896$, and if you desaturate by 10%, it is $51.4289, -2.9152, 16.7238$.

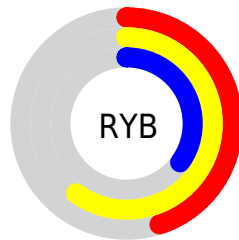
Distribution



Red (60%)

Green (53%)

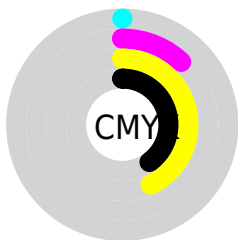
Blue (35%)



Red (45%)

Yellow (60%)

Blue (35%)

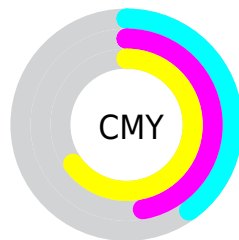


Cyan (0%)

Magenta (12%)

Yellow (43%)

Black (40%)



Cyan (40%)

Magenta (47%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9025, -2.3694, 19.7389 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 49.9025, -2.3694, 19.7389 by changing the saturation by 10% instead.

■ 49.9025, -2.3694,
19.7389

■ 49.9025, -2.3694,
19.7389

166.5408, -8.4558,
38.0026

■ 40.0067, -1.8634,
17.4030

■ 71.7642, -3.5010,
24.1214

■ 30.8674, -1.3979,
14.9258

■ 83.6473, -4.1183,
26.2099

■ 22.5546, -0.9787,
12.2557

■ 96.1223, -4.7681,
28.2495

■ 15.1607, -0.6117,
10.2319

■ 109.1623, -5.4488,
30.2503

■ 8.7915, -0.2892,
6.1540

■ 122.7439, -6.1590,
32.2204

0.0000, NaN, NaN

0.0000, NaN, NaN

136.8463, -6.8975,

34.1660

0.0000, NaN, NaN

151.4508, -7.6635,
36.0920

0.0000, NaN, NaN

■ 49.9025, -2.3694,
19.7389

■ 49.9025, -2.3694,
19.7389

■ 48.4392, -1.5800,
22.1896

■ 51.4289, -2.9152,
16.7238

■ 47.0370, -0.5400,
24.0620

■ 53.0133, -3.2164,
13.1609

■ 45.6979, 0.7458,
25.3540

■ 54.6548, -3.2818,
9.0735

■ 44.4219, 2.2688,
26.0763

■ 56.3514, -3.1198,
4.4867

■ 43.2078, 4.0124,
26.2602

■ 58.1008, -2.7400,
-0.5731

■ 42.3697, 5.3397,
26.2015

■ 59.9010, -2.1525,
-6.0791

■ 61.7499, -1.3677,
-12.0045

■ 63.6452, -0.3963,
-18.3235

■ 65.5849, 0.7514,
-25.0112

Harmonies

Analogous

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



49.9037, 9.3771, 17.8422



49.9025, -2.3694, 19.7389



49.9037, -13.1994, 18.0248

Triad

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



49.9037, -2.3712, 19.7395



49.9037, -20.8317, -8.9258



49.9037, 18.1996, -9.5233

Complementary

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



49.9025, -2.3694, 19.7389



38.6299, 2.2396, -23.0796

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.



49.9037, 8.8220, -19.8202



49.9025, -2.3694, 19.7389



49.9037, -13.6642, -19.4230

Square

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



49.9037, -2.3712, 19.7395



49.9037, -23.2449, 2.9951



49.9037, -2.9589, -23.8007



49.9037, 21.9062, 2.4360

Rectangle

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



49.9025, -2.3694, 19.7389



49.9037, -18.6050, 14.7734



49.9037, -2.9589, -23.8007



49.9037, 15.5659, -13.3862

Sweetspot

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



49.9037, -2.3712, 19.7395



73.5731, -4.4257, 12.4654



38.6370, 22.5313, 2.5165



34.7807, -2.1078, 6.5016



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



49.9037, -2.3712, 19.7395



65.4480, -2.2312, 29.6616



54.2781, -15.1793, 23.0948



26.3103, -1.5466, 3.5525



38.3263, 4.6680, 23.6982



5.2990, -0.4855, 3.2567

Inverse Universe

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



38.6299, 2.2396, -23.0796



47.3143, 5.7271, -40.3379



34.7723, 14.6710, -30.4446



25.1030, -1.1087, -0.9164



18.5561, 20.6582, -67.7886



3.2876, 0.2668, -4.6851

Previews

White Background



This preview shows how the HunterLab color 49.9025, -2.3694, 19.7389 looks on a white background.

Color Contrast Check

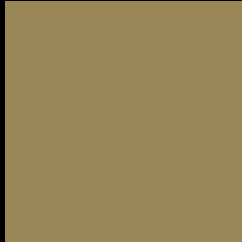
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.9025, -2.3694, 19.7389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

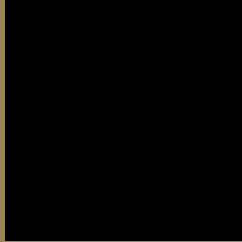
Any Text WCAG AA ✓ Pass

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 49.9025, -2.3694, 19.7389 Background



This preview shows how black text looks on a background with the HunterLab color 49.9025, -2.3694, 19.7389.



This preview shows how white text looks on a background with the HunterLab color 49.9025, -2.3694,

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

49.9025, -2.3694, 19.7389

Protanopia

50.0022, -4.8859, 19.5188

Deuteranopia

49.9532, 3.4754, 19.6240



Tritanopia

49.9355, 8.4430, 1.9159

Trichromacy



Original Color

49.9025, -2.3694, 19.7389

Protanomaly

49.9088, -3.7577, 19.4601

Deuteranomaly

49.8005, 1.5692, 19.4622

Tritanomaly

49.7562, 4.0889, 9.5570

Monochromacy



Original Color

49.9025, -2.3694, 19.7389

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

49.3829, -2.9613, 9.7997

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9025, -2.3694, 19.7389 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(154, 135, 88)` looks like.

```
.text, #text, p{  
    color:rgb(154, 135, 88)  
}
```

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(154, 135, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 135, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9025, -2.3694, 19.7389 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(154, 135, 88) }
```


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

```
.border{ border-color:rgb(154, 135, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 135, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 135, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 135, 88);  
box-shadow:4px 4px 4px 4px rgb(154, 135,  
88) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9025, -2.3694, 19.7389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 135, 88) }
```

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

```
.background{ background-color: rgb(154,  
135, 88) }
```

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