

Converting Colors

HunterLab(17.9444, 13.9810,
-9.9006)

Have a look what the booklet for
HunterLab(17.9444, 13.9810,
-9.9006) contains.

HunterLab(18.0509, 13.9150, -9.9130)	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(18.0509, 13.9150,
-9.9130)**

Conversions

Conversions Part 1

Format	Color
Hex	48264A
RGB	72, 38, 74
RGB Percent	28%, 15%, 29%
CMY	0.7176, 0.8510, 0.7098
CMYK	0.03, 0.49, 0.00, 0.71
HSL	297°, 32%, 22%
HSV	297°, 49%, 29%
XYZ	4.6016, 3.2583, 6.8650
YIQ	52.2700, 8.7080, 18.4040

Conversions

Conversions Part 2

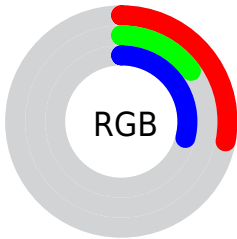
Format	Color
RYB	72, 38, 74
Decimal	4728394
CIELab	21.05, 22.53, -15.72
CIELCh	21, 27.476, 325.097
Yxy	3.2585, 0.3125, 0.2213
Android (android.graphics.Color)	4282918474 (0xFF48264A)
YUV	52.2700, 10.7129, 17.3032
Hunter-Lab	18.0509, 13.9150, -9.9130

Details

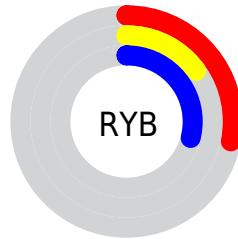
The HunterLab color **18.0509, 13.9150, -9.9130** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **23.4280, -13.0078, 9.5674**, and the grayscale version is **18.5853, -0.9917, 1.0098**.

A 20% lighter version of the original color is **34.5084, 16.0183, -10.6516**, and **6.2469, 12.2816, -8.2393** is the 20% darker color. If you saturate the color by 10%, you get **16.7801, 16.9901, -12.2540**, and if you desaturate by 10%, it is **19.4823, 10.7375, -7.5234**.

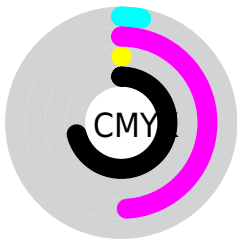
Distribution



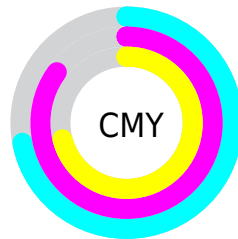
- Red (28%)
- Green (15%)
- Blue (29%)



- Red (28%)
- Yellow (15%)
- Blue (29%)



- Cyan (3%)
- Magenta (49%)
- Yellow (0%)
- Black (71%)



- Cyan (72%)
- Magenta (85%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.0509, 13.9150, -9.9130 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 18.0509, 13.9150, -9.9130 by changing the saturation by 10% instead.

18.0509, 13.9150,
-9.9130

18.0509, 13.9150,
-9.9130

114.6249, 18.8845,
-10.8640

11.2611, 12.7538,
-9.4953

34.4909, 15.7630,
-10.5963

3.4106, 28.6067,
-19.3447

43.9459, 16.4869,
-10.8276

0.0000, NaN, -NF

54.1350, 17.1000,
-10.9870

0.0000, NaN, NaN

65.0087, 17.6154,
-11.0791

0.0000, NaN, NaN

76.5264, 18.0438,
-11.1087

0.0000, NaN, NaN

88.6538, 18.3937,

0.0000, NaN, NaN

-11.0802

0.0000, NaN, NaN

101.3618, 18.6719,
-10.9975

18.0509, 13.9150,
-9.9130

18.0509, 13.9150,
-9.9130

16.7801, 16.9901,
-12.2540

19.4823, 10.7375,
-7.5234

15.6895, 19.8502,
-14.4671

21.0527, 7.5387,
-5.1410

14.7985, 22.3495,
-16.4464

22.7441, 4.3666,
-2.7974

14.1145, 24.3533,
-18.0908

24.5407, 1.2479,
-0.5085

13.4767, 26.3331,
-19.7370

26.4290, -1.8056,
1.7199

■ 13.3880, 26.6203,
-19.9753

■ 28.3976, -4.7914,
3.8882

■ 30.4373, -7.7120,
6.0004

■ 32.5403, -10.5725,
8.0618

■ 34.7000, -13.3794,
10.0781

Harmonies

Analogous

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



18.0513, 6.2414, -18.6270



18.0509, 13.9150, -9.9130



18.0513, 17.6386, -0.3505

Triad

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



18.0513, 13.9144, -9.9125



18.0513, 0.4070, 10.5877



18.0513, -13.1643, -6.6293

Complementary

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



18.0509, 13.9150, -9.9130



23.4280, -13.0078, 9.5674

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.



18.0513, -14.1678, 2.2212



18.0509, 13.9150, -9.9130



18.0513, -7.1912, 10.0152

Square

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



18.0513, 13.9144, -9.9125



18.0513, 9.0000, 9.4759



18.0513, -12.1845, 7.6427



18.0513, -9.1476, -16.2105

Rectangle

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



18.0509, 13.9150, -9.9130



18.0513, 16.9725, 4.4765



18.0513, -12.1845, 7.6427



18.0513, -13.8308, -3.3887

Sweetspot

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



18.0513, 13.9144, -9.9125



30.7292, 4.4952, -2.7595



15.6567, 4.6125, -14.8053



15.3103, 2.4686, -1.5410



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



18.0513, 13.9144, -9.9125



21.8957, 23.0601, -16.6617



17.7533, 12.0776, -2.3970



13.1257, 0.6772, -0.2791



18.6125, 37.0284, -27.9257



45.1649, 89.9334, -68.3884

Inverse Universe

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



17.3072, 9.9380, 3.9611



20.6917, 16.8684, 6.2683



23.6057, -11.7837, 5.6965



13.0558, 0.2696, 0.9561



16.8440, 28.9196, 10.3127



40.9497, 70.1970, 25.9229

Previews

White Background



This preview shows how the HunterLab color 18.0509, 13.9150, -9.9130 looks on a white background.

Color Contrast Check

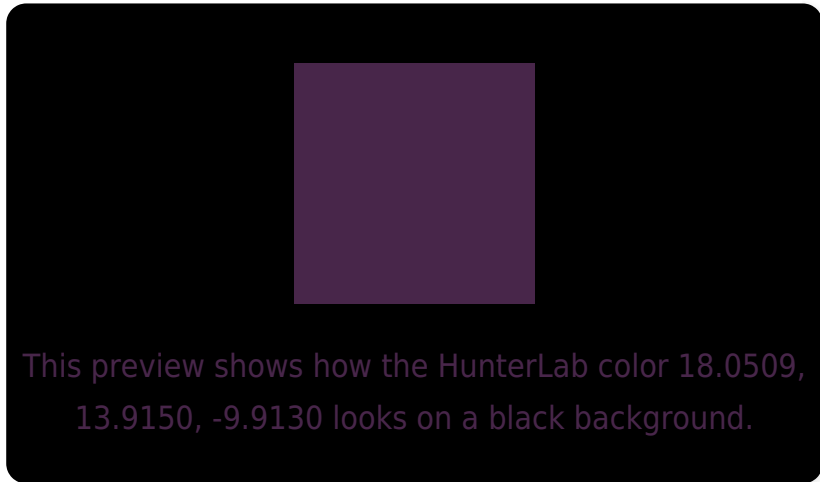
Large Text (above 18pt) WCAG AA ✓ Pass

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

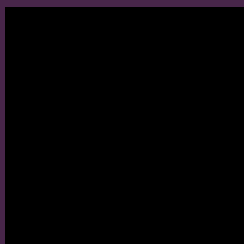
Any Text WCAG AA × Fail

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 18.0509, 13.9150, -9.9130 Background



This preview shows how black text looks on a background with the HunterLab color 18.0509, 13.9150, -9.9130.



This preview shows how white text looks on a background with the HunterLab color 18.0509, 13.9150, -9.9130.

-9.9130.

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

18.0509, 13.9150, -9.9130

Protanopia

18.2061, 2.4919, -16.0527

Deuteranopia

18.3603, 0.8490, -8.4698



Tritanopia

18.1107, 6.6308, 2.1214

Trichromacy



Original Color

18.0509, 13.9150, -9.9130

Protanomaly

17.9201, 5.8972, -13.9647

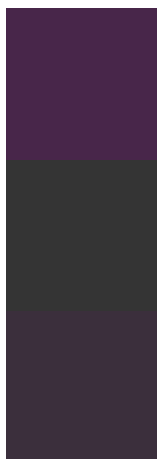
Deuteranomaly

17.9424, 5.4193, -9.6782

Tritanomaly

18.0373, 8.9327, -1.4531

Monochromacy



Original Color

18.0509, 13.9150, -9.9130

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.1358, 4.0469, -2.7297

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.0509, 13.9150, -9.9130 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(72, 38, 74)` looks like.

```
.text, #text, p{  
    color:rgb(72, 38, 74)  
}
```

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(72, 38, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 38, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 18.0509, 13.9150, -9.9130 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(72, 38, 74) }
```


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

```
.border{ border-color:rgb(72, 38, 74) }
```

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

Here you see how a box with a 4 pixel rgb(72, 38, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 38, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 38, 74);  
box-shadow:4px 4px 4px 4px rgb(72, 38, 74)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.0509, 13.9150, -9.9130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 38, 74) }
```

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

```
.background{ background-color: rgb(72, 38,  
74) }
```

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