

Converting Colors

HunterLab(10.4408, 14.7475,
-9.7515)

Have a look what the booklet for
HunterLab(10.4408, 14.7475,
-9.7515) contains.

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Color

**HunterLab(10.4489, 14.6769,
-9.7924)**

Conversions

Conversions Part 1

Format	Color
Hex	310A31
RGB	49, 10, 49
RGB Percent	19%, 4%, 19%
CMY	0.8078, 0.9608, 0.8078
CMYK	0.00, 0.80, 0.00, 0.81
HSL	300°, 66%, 12%
HSV	300°, 80%, 19%
XYZ	1.9295, 1.0918, 3.0148
YIQ	26.1070, 10.7250, 20.3970

Conversions

Conversions Part 2

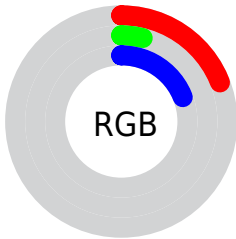
Format	Color
R_{YB}	49, 10, 49
Decimal	3213873
CIE Lab	9.73, 25.48, -16.14
CIE LCh	10, 30.156, 327.650
Yxy	1.0918, 0.3197, 0.1809
Android (android.graphics.Color)	4281403953 (0xFF310A31)
YUV	26.1070, 11.2862, 20.0772
Hunter-Lab	10.4489, 14.6769, -9.7924

Details

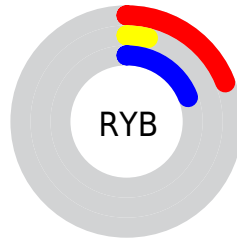
The HunterLab color **10.4489, 14.6769, -9.7924** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **15.1100, -11.3412, 7.9851**, and the grayscale version is **10.1609, -0.5422, 0.5521**.

A 20% lighter version of the original color is **24.6982, 17.2091, -10.4697**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **9.9271, 16.3670, -10.9511**, and if you desaturate by 10%, it is **11.0164, 12.9730, -8.6233**.

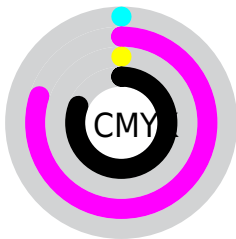
Distribution



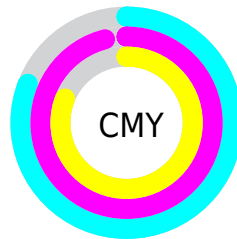
- Red (19%)
- Green (4%)
- Blue (19%)



- Red (19%)
- Yellow (4%)
- Blue (19%)



- Cyan (0%)
- Magenta (80%)
- Yellow (0%)
- Black (81%)



- Cyan (81%)
- Magenta (96%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 10.4489, 14.6769, -9.7924 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 10.4489, 14.6769, -9.7924 by changing the saturation by 10% instead.

■ 10.4489, 14.6769,
-9.7924

■ 10.4489, 14.6769,
-9.7924

■ 99.6566, 21.9256,
-11.4792

0.0000, INF, -NF

0.0000, NaN, NaN

■ 24.7557, 17.1560,
-10.6085

0.0000, NaN, NaN

■ 33.3040, 18.1703,
-10.9387

0.0000, NaN, NaN

■ 42.6580, 19.0511,
-11.1947

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 52.7535, 19.8141,
-11.3785

0.0000, NaN, NaN

■ 63.5396, 20.4730,
-11.4944

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.9746, 21.0387,

-11.5470

■ 87.0235, 21.5204,
-11.5406

■ 10.4489, 14.6769,
-9.7924

■ 10.4489, 14.6769,
-9.7924

■ 9.9271, 16.3670,
-10.9511

■ 11.0164, 12.9730,
-8.6233

■ 9.3760, 18.3018,
-12.2767

■ 11.6965, 11.0863,
-7.3280

■ 9.3527, 18.3877,
-12.3355

■ 12.4792, 9.0906,
-5.9567

■ 13.3538, 7.0444,
-4.5494

■ 14.3097, 4.9892,
-3.1346

■ 15.3372, 2.9518,
-1.7306

■ 16.4276, 0.9479,
-0.3482

■ 17.5735, -1.0150,
1.0074

■ 18.7685, -2.9345,
2.3343

Harmonies

Analogous

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



10.4491, 7.0337, -20.4214



10.4489, 14.6769, -9.7924



10.4491, 18.1678, -0.0111

Triad

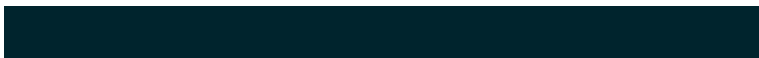
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



10.4491, 14.6764, -9.7920



10.4491, 0.0415, 7.3144



10.4491, -11.9281, -8.0388

Complementary

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



10.4489, 14.6769, -9.7924



15.1100, -11.3412, 7.9851

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.



10.4491, -13.3537, 1.1172



10.4489, 14.6769, -9.7924



10.4491, -6.6246, 7.3144

Square

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



10.4491, 14.6764, -9.7920



10.4491, 8.3586, 7.3144



10.4491, -11.4124, 7.0577



10.4491, -7.5178, -18.9988

Rectangle

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



10.4489, 14.6769, -9.7924



10.4491, 17.0975, 4.2836



10.4491, -11.4124, 7.0577



10.4491, -12.7723, -4.5198

Sweetspot

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



10.4491, 14.6764, -9.7920



18.9733, 5.2932, -3.2572



7.0952, 7.4114, -19.7799



10.3479, 3.0361, -1.8779



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



10.4491, 14.6764, -9.7920



12.2650, 22.8391, -15.3101



9.8046, 12.0297, -0.9751



9.4671, 0.3954, -0.0981



16.9166, 33.2586, -22.3118



44.3961, 87.2842, -58.5553

Inverse Universe

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



10.4491, 14.6764, -9.7920



12.2650, 22.8391, -15.3101



15.3375, -9.9475, 4.6567



9.4671, 0.3954, -0.0981



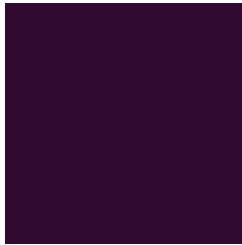
16.9166, 33.2586, -22.3118



44.3961, 87.2842, -58.5553

Previews

White Background



This preview shows how the HunterLab color 10.4489, 14.6769, -9.7924 looks on a white background.

Color Contrast Check

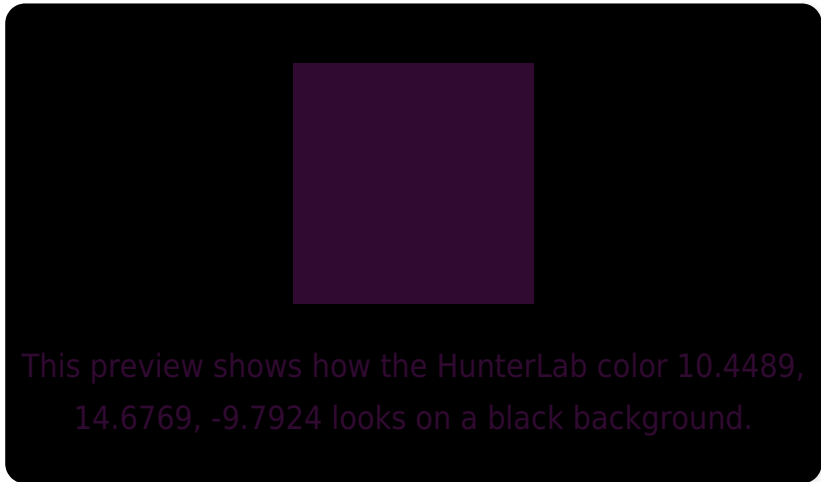
Large Text (above 18pt) WCAG AA ✓ Pass

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

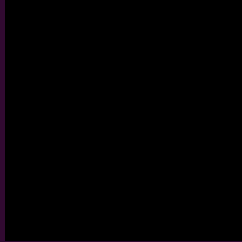
Any Text WCAG AA × Fail

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 10.4489, 14.6769, -9.7924 Background



This preview shows how black text looks on a background with the HunterLab color 10.4489, 14.6769, -9.7924.



This preview shows how white text looks on a background with the HunterLab color 10.4489, 14.6769, -9.7924.

-9.7924.

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

10.4489, 14.6769, -9.7924

Protanopia

10.7064, 1.3483, -16.2927

Deuteranopia

11.0201, 0.1692, -7.1129



Tritanopia

10.8402, 6.3830, 2.6398

Trichromacy



Original Color

10.4489, 14.6769, -9.7924

Protanomaly

9.6993, 5.2429, -16.0259

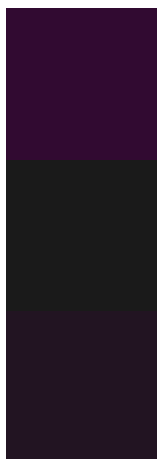
Deuteranomaly

10.2717, 5.2313, -9.1023

Tritanomaly

10.5334, 9.2473, -1.0392

Monochromacy



Original Color

10.4489, 14.6769, -9.7924

Achromatopsia

10.1636, -0.5423, 0.5522

Achromatomaly

9.7769, 4.7730, -3.0694

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 10.4489, 14.6769, -9.7924 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(49, 10, 49)` looks like.

```
.text, #text, p{  
    color:rgb(49, 10, 49)  
}
```

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(49, 10, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 10, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 10.4489, 14.6769, -9.7924 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(49, 10, 49) }
```


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

```
.border{ border-color:rgb(49, 10, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 10, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 10, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 10, 49);  
box-shadow:4px 4px 4px 4px rgb(49, 10, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 10.4489, 14.6769, -9.7924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 10, 49) }
```

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

```
.background{ background-color: rgb(49, 10,  
49) }
```

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](#).

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