

Converting Colors

HunterLab(13.3848, -8.9443,
4.9105)

Have a look what the booklet for
HunterLab(13.3848, -8.9443, 4.9105)
contains.

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Color

**HunterLab(13.2972, -8.8262,
4.8757)**

Conversions

Conversions Part 1

Format	Color
Hex	092A15
RGB	9, 42, 21
RGB Percent	4%, 16%, 8%
CMY	0.9647, 0.8353, 0.9176
CMYK	0.79, 0.00, 0.50, 0.84
HSL	142°, 65%, 10%
HSV	142°, 79%, 16%
XYZ	1.0760, 1.7682, 0.9941
YIQ	29.7390, -12.9270, -13.5270

Conversions

Conversions Part 2

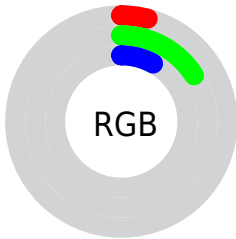
Format	Color
R_YB	9, 33, 42
Decimal	600597
CIE Lab	14.22, -17.99, 10.30
CIE LCh	14, 20.733, 150.200
Yxy	1.7682, 0.2803, 0.4607
Android (android.graphics.Color)	4278790677 (0xFF092A15)
YUV	29.7390, -4.3083, -18.1881
Hunter-Lab	13.2972, -8.8262, 4.8757

Details

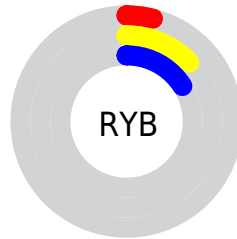
The HunterLab color **13.2972, -8.8262, 4.8757** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8.8396, 10.5179, -2.6078**, and the grayscale version is **11.3294, -0.6045, 0.6155**.

A 20% lighter version of the original color is **28.5689, -12.5655, 7.3177**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **13.1595, -9.4652, 5.3009**, and if you desaturate by 10%, it is **13.4451, -8.1490, 4.4094**.

Distribution



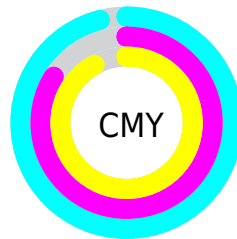
- Red (4%)
- Green (16%)
- Blue (8%)



- Red (4%)
- Yellow (13%)
- Blue (16%)



- Cyan (79%)
- Magenta (0%)
- Yellow (50%)
- Black (84%)



- Cyan (96%)
- Magenta (84%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.2972, -8.8262, 4.8757 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 13.2972, -8.8262, 4.8757 by changing the saturation by 10% instead.

■ 13.2972, -8.8262,
4.8757

■ 13.2972, -8.8262,
4.8757

■ 105.5071,
-23.6397, 15.4039

■ 6.8356, -11.8339,
4.7849

■ 28.4863, -12.5980,
7.3654

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.4051, -14.3000,
8.5352

0.0000, NaN, NaN

■ 47.0989, -15.9345,
9.6847

0.0000, NaN, NaN

■ 57.5099, -17.5229,
10.8250

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.5918, -19.0792,
11.9629

0.0000, NaN, NaN

■ 80.3062, -20.6130,

0.0000, NaN, NaN

13.1034

■ 92.6206, -22.1315,
14.2496

■ 13.2972, -8.8262,
4.8757

■ 13.2972, -8.8262,
4.8757

■ 13.1595, -9.4652,
5.3009

■ 13.4451, -8.1490,
4.4094

■ 13.0241, -10.0943,
5.6780

■ 13.6200, -7.3643,
3.9205

■ 13.0049, -10.1834,
5.7280

■ 13.8234, -6.4726,
3.4137

■ 14.0557, -5.4786,
2.8931

■ 14.3166, -4.3885,
2.3627

■ 14.6059, -3.2096,
1.8265

■ 14.9231, -1.9498,
1.2878

■ 15.2674, -0.6173,
0.7500

■ 15.6382, 0.7798,
0.2159

Harmonies

Analogous

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



13.2975, -5.7066, 7.2509



13.2972, -8.8262, 4.8757



13.2975, -9.8589, 0.6880

Triad

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



13.2975, -8.8264, 4.8758



13.2975, -0.6726, -14.1417



13.2975, 9.9394, 4.9155

Complementary

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



13.2972, -8.8262, 4.8757



8.8396, 10.5179, -2.6078

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.



13.2975, 11.8674, 0.7595



13.2972, -8.8262, 4.8757



13.2975, 5.1538, -11.5276

Square

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



13.2975, -8.8264, 4.8758



13.2975, -5.6515, -11.5922



13.2975, 9.9880, -5.4423



13.2975, 5.0779, 7.2735

Rectangle

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



13.2972, -8.8262, 4.8757



13.2975, -9.3850, -3.3230



13.2975, 9.9880, -5.4423



13.2975, 10.9847, 3.7983

Sweetspot

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



13.2975, -8.8264, 4.8758



18.0394, -5.0344, 2.7443



13.9949, -6.3032, 7.4183



10.2082, -2.8858, 1.5701



57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

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



13.2975, -8.8264, 4.8758



16.3507, -12.4703, 7.1921



13.5940, -7.0426, 0.6012



8.3307, -1.0386, 0.6979



25.4181, -20.4360, 12.3450



68.8821, -56.2920, 35.4216

Inverse Universe

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



8.8396, 10.5179, -2.6078



9.8206, 16.2433, -3.3800



8.4807, 8.9746, 2.4906



8.0413, 0.1816, 0.1953



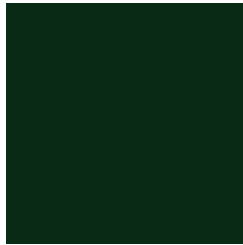
14.6761, 26.9193, -4.3618



39.6049, 72.2190, -8.4724

Previews

White Background



This preview shows how the HunterLab color 13.2972, -8.8262, 4.8757 looks on a white background.

Color Contrast Check

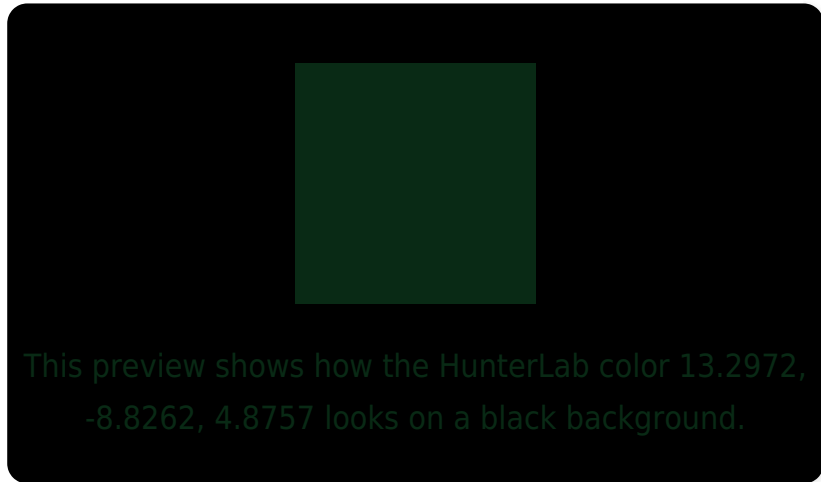
Large Text (above 18pt) WCAG AA ✓ Pass

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

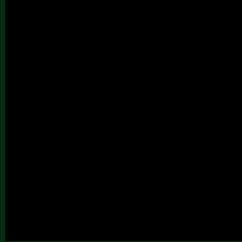
Any Text WCAG AA × Fail

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 13.2972, -8.8262, 4.8757 Background



This preview shows how black text looks on a background with the HunterLab color 13.2972, -8.8262, 4.8757.



This preview shows how white text looks on a background with the HunterLab color 13.2972, -8.8262,

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

13.2972, -8.8262, 4.8757

Protanopia

13.2661, -1.3709, 5.3970

Deuteranopia

13.4142, 0.4029, 4.6899



Tritanopia

13.4930, -4.5060, -1.8074

Trichromacy



Original Color

13.2972, -8.8262, 4.8757

Protanomaly

13.0305, -4.6380, 4.9368

Deuteranomaly

13.1737, -4.0436, 4.6305

Tritanomaly

13.4491, -6.3707, 1.1658

Monochromacy



Original Color

13.2972, -8.8262, 4.8757

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.8058, -4.0173, 1.9968

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.2972, -8.8262, 4.8757 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(9, 42, 21)` looks like.

```
.text, #text, p{  
    color:rgb(9, 42, 21)  
}
```

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(9, 42, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 42, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 13.2972, -8.8262, 4.8757 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(9, 42, 21) }
```


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

```
.border{ border-color:rgb(9, 42, 21) }
```

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

Here you see how a box with a 4 pixel rgb(9, 42, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 42, 21); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 42, 21); box-shadow:4px  
4px 4px 4px rgb(9, 42, 21) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.2972, -8.8262, 4.8757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 42, 21) }
```

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

```
.background{ background-color: rgb(9, 42,  
21) }
```

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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