

Converting Colors

HunterLab(12.8258, 4.3067,
-3.7748)

Have a look what the booklet for
HunterLab(12.8258, 4.3067, -3.7748)
contains.

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Color

**HunterLab(12.9208, 4.1616,
-3.8262)**

Conversions

Conversions Part 1

Format	Color
Hex	2A1F2E
RGB	42, 31, 46
RGB Percent	16%, 12%, 18%
CMY	0.8353, 0.8784, 0.8196
CMYK	0.09, 0.33, 0.00, 0.82
HSL	284°, 19%, 15%
HSV	284°, 33%, 18%
XYZ	1.9380, 1.6695, 2.8049
YIQ	35.9990, 1.7410, 6.9970

Conversions

Conversions Part 2

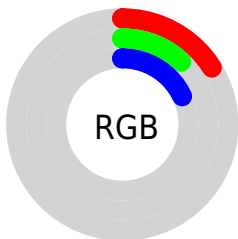
Format	Color
R_{YB}	42, 31, 46
Decimal	2760494
CIE Lab	13.65, 8.81, -7.95
CIE LCh	14, 11.865, 317.922
Yxy	1.6695, 0.3022, 0.2604
Android (android.graphics.Color)	4280950574 (0xFF2A1F2E)
YUV	35.9990, 4.9305, 5.2629
Hunter-Lab	12.9208, 4.1616, -3.8262

Details

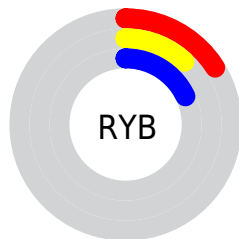
The HunterLab color **12.9208, 4.1616, -3.8262** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.5251, -5.1223, 4.5259**, and the grayscale version is **13.2666, -0.7079, 0.7208**.

A 20% lighter version of the original color is **28.0706, 4.7519, -4.0061**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.9194, 5.7518, -5.4120**, and if you desaturate by 10%, it is **13.9768, 2.5877, -2.3070**.

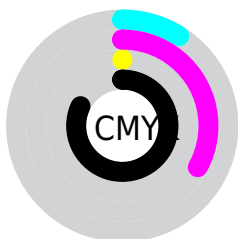
Distribution



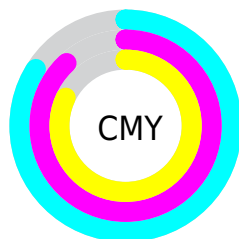
- Red (16%)
- Green (12%)
- Blue (18%)



- Red (16%)
- Yellow (12%)
- Blue (18%)



- Cyan (9%)
- Magenta (33%)
- Yellow (0%)
- Black (82%)



- Cyan (84%)
- Magenta (88%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.9208, 4.1616, -3.8262 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 12.9208, 4.1616, -3.8262 by changing the saturation by 10% instead.

■ 12.9208, 4.1616,
-3.8262

■ 12.9208, 4.1616,
-3.8262

■ 104.7537, 3.6655,
-2.4226

■ 6.3547, 5.6991,
-4.8436

■ 28.0002, 4.6137,
-3.9952

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.8725, 4.6814,
-3.9518

0.0000, NaN, NaN

■ 46.5235, 4.6670,
-3.8372

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.8948, 4.5814,
-3.6594

0.0000, NaN, NaN

■ 67.9394, 4.4328,
-3.4245

0.0000, NaN, NaN

■ 79.6184, 4.2275,

0.0000, NaN, NaN

-3.1375

91.8993, 3.9704,
-2.8024

12.9208, 4.1616,
-3.8262

12.9208, 4.1616,
-3.8262

11.9194, 5.7518,
-5.4120

13.9768, 2.5877,
-2.3070

10.9800, 7.3462,
-7.0630

15.0799, 1.0371,
-0.8524

10.1124, 8.9206,
-8.7675

16.2245, -0.4884,
0.5432

9.3277, 10.4359,
-10.4994

17.4061, -1.9894,
1.8862

8.6234, 11.8788,
-12.2501

18.6208, -3.4677,
3.1832

■ 7.8877, 13.6031,
-14.3308

■ 19.8654, -4.9256,
4.4402

■ 7.2995, 15.2029,
-16.2308

■ 21.1370, -6.3656,
5.6627

■ 22.4336, -7.7904,
6.8557

■ 23.7530, -9.2022,
8.0234

Harmonies

Analogous

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



12.9211, 1.2429, -6.1335



12.9208, 4.1616, -3.8262



12.9211, 5.8390, -0.5720

Triad

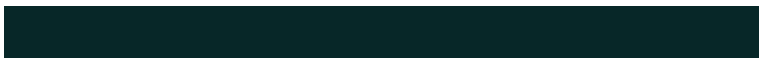
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.9211, 4.1613, -3.8259



12.9211, 0.6125, 5.2180



12.9211, -6.0016, -1.2147

Complementary

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



12.9208, 4.1616, -3.8262



15.5251, -5.1223, 4.5259

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.



12.9211, -6.1351, 1.8606



12.9208, 4.1616, -3.8262



12.9211, -2.5158, 5.1176

Square

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



12.9211, 4.1613, -3.8259



12.9211, 3.6615, 4.3144



12.9211, -4.9169, 4.0217



12.9211, -4.5326, -4.3931

Rectangle

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



12.9208, 4.1616, -3.8262



12.9211, 5.9306, 1.4785



12.9211, -4.9169, 4.0217



12.9211, -6.1986, -0.1231

Sweetspot

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



12.9211, 4.1613, -3.8259



19.2644, 0.9037, -0.7020



13.0027, 0.0242, -3.7736



10.7133, 0.5255, -0.4115



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



12.9211, 4.1613, -3.8259



15.1828, 6.9271, -6.4959



13.1592, 4.6930, -1.8915



8.7169, 0.1937, -0.1210



13.2634, 27.8651, -31.3595



34.7008, 73.4463, -86.2595

Inverse Universe

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



12.9701, 3.7279, 0.7882



15.2764, 6.2496, 1.0661



15.3745, -5.5643, 3.3929



8.7204, 0.1307, 0.4633



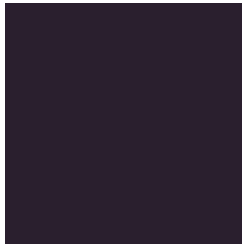
14.4020, 25.0967, 5.9507



38.2398, 66.2625, 18.6972

Previews

White Background



This preview shows how the HunterLab color 12.9208, 4.1616, -3.8262 looks on a white background.

Color Contrast Check

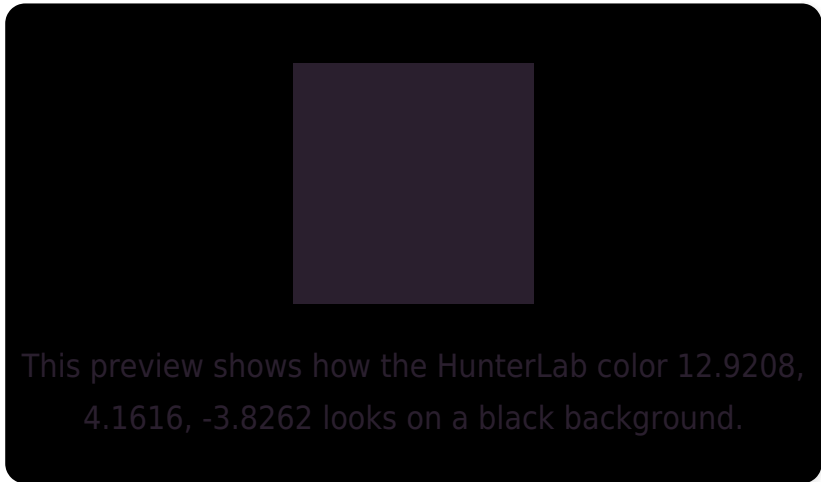
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.9208, 4.1616, -3.8262 Background



This preview shows how black text looks on a background with the HunterLab color 12.9208, 4.1616, -3.8262.



This preview shows how white text looks on a background with the HunterLab color 12.9208, 4.1616,

-3.8262.

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

12.9208, 4.1616, -3.8262

Protanopia

13.0963, 0.5315, -5.0758

Deuteranopia

12.8719, 0.6728, -3.4920



Tritanopia

12.9082, 1.4358, 0.3127

Trichromacy



Original Color

12.9208, 4.1616, -3.8262

Protanomaly

13.0950, 1.6018, -4.5637

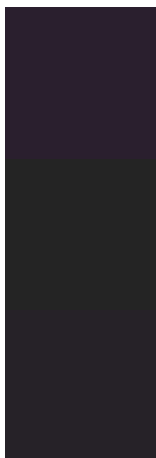
Deuteranomaly

12.8540, 1.7389, -3.5003

Tritanomaly

12.8749, 2.6179, -1.2653

Monochromacy



Original Color

12.9208, 4.1616, -3.8262

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.0741, 1.0724, -1.0288

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.9208, 4.1616, -3.8262 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(42, 31, 46)` looks like.

```
.text, #text, p{  
    color:rgb(42, 31, 46)  
}
```

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(42, 31, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 31, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9208, 4.1616, -3.8262 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(42, 31, 46) }
```


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

```
.border{ border-color:rgb(42, 31, 46) }
```

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

Here you see how a box with a 4 pixel rgb(42, 31, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 31, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 31, 46);  
box-shadow:4px 4px 4px 4px rgb(42, 31, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.9208, 4.1616, -3.8262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 31, 46) }
```

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

```
.background{ background-color: rgb(42, 31,  
46) }
```

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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