

Converting Colors

HunterLab(17.8417, -17.6495,
2.8515)

Have a look what the booklet for
HunterLab(17.8417, -17.6495,
2.8515) contains.

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Color

**HunterLab(19.0449,
-12.9223, 4.0909)**

Conversions

Conversions Part 1

Format	Color
Hex	003E2C
RGB	0, 62, 44
RGB Percent	0%, 24%, 17%
CMY	1.0000, 0.7569, 0.8274
CMYK	1.00, 0.00, 0.29, 0.76
HSL	163°, 100%, 12%
HSV	163°, 100%, 24%
XYZ	2.1772, 3.6271, 2.9682
YIQ	41.4100, -31.1740, -18.7420

Conversions

Conversions Part 2

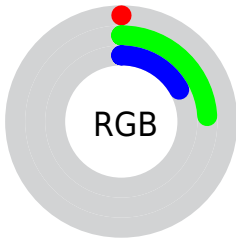
Format	Color
RYB	0, 36, 62
Decimal	15916
CIELab	22.40, -23.51, 6.01
CIELCh	22, 24.265, 165.655
Yxy	3.6272, 0.2482, 0.4135
Android (android.graphics.Color)	4278205996 (0xFF003E2C)
YUV	41.4100, 1.2769, -36.3166
Hunter-Lab	19.0449, -12.9223, 4.0909

Details

The HunterLab color **19.0449, -12.9223, 4.0909** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10.3338, 18.1190, 3.4011**, and the grayscale version is **15.0277, -0.8018, 0.8165**.

A 20% lighter version of the original color is **35.6802, -17.1540, 5.6123**, and **6.0875, -5.2201, 3.6597** is the 20% darker color. If you saturate the color by 10%, you get **19.0452, -12.9225, 4.0911**, and if you desaturate by 10%, it is **19.1861, -12.2749, 3.6834**.

Distribution



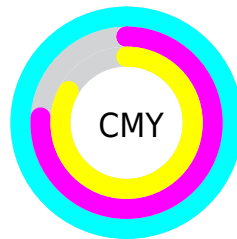
- Red (0%)
- Green (24%)
- Blue (17%)



- Red (0%)
- Yellow (14%)
- Blue (24%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (76%)



- Cyan (100%)
- Magenta (76%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.0449, -12.9223, 4.0909 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 19.0449, -12.9223, 4.0909 by changing the saturation by 10% instead.

■ 19.0449, -12.9223,
4.0909

■ 19.0449, -12.9223,
4.0909

■ 116.4538,
-30.3423, 12.2987

■ 12.1132, -10.4299,
3.2005

■ 35.7205, -17.3508,
5.8331

■ 5.1531, -9.0180,
3.6072

■ 45.2777, -19.3677,
6.7107

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.5618, -21.3038,
7.6005

0.0000, NaN, NaN

■ 66.5245, -23.1809,
8.5051

0.0000, NaN, NaN

■ 78.1262, -25.0138,
9.4265


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 90.3335, -26.8133,


10.3655


0.0000, NaN, NaN


 103.1177,
-28.5874, 11.3228


 19.0449, -12.9223,
4.0909


 19.0449, -12.9223,
4.0909


 19.0452, -12.9225,
4.0911

 19.1861, -12.2749,
3.6834

 19.3302, -11.6170,
3.2628

 19.5064, -10.8344,
2.8626

 19.7239, -9.8947,
2.4959

 19.9844, -8.7981,
2.1672

■ 20.2888, -7.5480,
1.8802

■ 20.6376, -6.1508,
1.6377

■ 21.0309, -4.6152,
1.4417

■ 21.4681, -2.9514,
1.2932

Harmonies

Analogous

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



19.0453, -10.1521, 8.2719



19.0449, -12.9223, 4.0909



19.0453, -12.8604, -2.9840

Triad

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



19.0453, -12.9224, 4.0911



19.0453, 2.9714, -17.1149



19.0453, 9.9687, 8.3919

Complementary

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



19.0449, -12.9223, 4.0909



10.3338, 18.1190, 3.4011

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.



19.0453, 14.6894, 4.3358



19.0449, -12.9223, 4.0909



19.0453, 10.2487, -11.0400

Square

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



19.0453, -12.9224, 4.0911



19.0453, -4.4118, -17.2617



19.0453, 14.7991, -2.6260



19.0453, 2.6331, 10.0338

Rectangle

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



19.0449, -12.9223, 4.0909



19.0453, -11.2435, -8.6469



19.0453, 14.7991, -2.6260



19.0453, 11.9601, 7.3532

Sweetspot

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



19.0453, -12.9224, 4.0911



27.1089, -8.3670, 2.1975



18.9204, -14.3977, 11.4065



13.8703, -4.4338, 1.1498



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

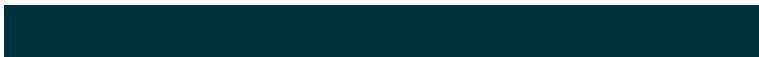
The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.0453, -12.9224, 4.0911



25.0579, -17.1481, 5.6975



16.1092, -6.1056, -6.9547



11.3663, -1.4119, 0.6722



29.1076, -19.9958, 6.7831



73.9001, -51.5368, 18.8844

Inverse Universe

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



10.3338, 18.1190, 3.4011



13.5670, 23.7105, 5.0717



11.3883, 13.3472, 7.2510



10.8623, 0.2553, 0.5535



15.7454, 27.4787, 6.1885



39.8507, 69.1861, 18.4591

Previews

White Background



This preview shows how the HunterLab color 19.0449, -12.9223, 4.0909 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 19.0449, -12.9223, 4.0909 Background



This preview shows how black text looks on a background with the HunterLab color 19.0449, -12.9223, 4.0909.



This preview shows how white text looks on a background with the HunterLab color 19.0449,

-12.9223, 4.0909.

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

19.0449, -12.9223, 4.0909

Protanopia

19.2122, -1.5944, 5.6153

Deuteranopia

19.1765, 0.9538, 3.8415



Tritanopia

19.1247, -7.3470, -3.3815

Trichromacy



Original Color

19.0449, -12.9223, 4.0909

Protanomaly

18.6539, -7.5129, 4.6951

Deuteranomaly

18.5719, -6.3145, 3.4077

Tritanomaly

19.0071, -9.5931, -0.5306

Monochromacy



Original Color

19.0449, -12.9223, 4.0909

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

16.0730, -6.5580, 1.7090

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.0449, -12.9223, 4.0909 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(0, 62, 44)` looks like.

```
.text, #text, p{  
    color:rgb(0, 62, 44)  
}
```

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(0, 62, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 62, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 19.0449, -12.9223, 4.0909 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(0, 62, 44) }
```


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

```
.border{ border-color:rgb(0, 62, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 62, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 62, 44); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 62, 44); box-shadow:4px  
4px 4px 4px rgb(0, 62, 44) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.0449, -12.9223, 4.0909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 62, 44) }
```

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

```
.background{ background-color: rgb(0, 62,  
44) }
```

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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