

Converting Colors

HunterLab(16.3371, -17.7439,
6.4151)

Have a look what the booklet for
HunterLab(16.3371, -17.7439,
6.4151) contains.

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Color

**HunterLab(17.3102,
-13.3960, 7.2819)**

Conversions

Conversions Part 1

Format	Color
Hex	003919
RGB	0, 57, 25
RGB Percent	0%, 22%, 10%
CMY	1.0000, 0.7765, 0.9020
CMYK	1.00, 0.00, 0.56, 0.78
HSL	146°, 100%, 11%
HSV	146°, 100%, 22%
XYZ	1.6386, 2.9964, 1.4117
YIQ	36.3090, -23.7000, -22.0360

Conversions

Conversions Part 2

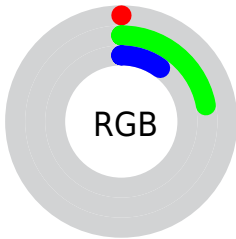
Format	Color
RYB	0, 40, 57
Decimal	14617
CIELab	20.03, -26.13, 15.14
CIELCh	20, 30.201, 149.923
Yxy	2.9966, 0.2710, 0.4955
Android (android.graphics.Color)	4278204697 (0xFF003919)
YUV	36.3090, -5.5753, -31.8430
Hunter-Lab	17.3102, -13.3960, 7.2819

Details

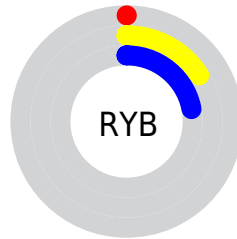
The HunterLab color **17.3102, -13.3960, 7.2819** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **9.8701, 17.9591, -1.8128**, and the grayscale version is **13.4038, -0.7152, 0.7283**.

A 20% lighter version of the original color is **33.6409, -18.2958, 10.4861**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **17.3105, -13.3963, 7.2821**, and if you desaturate by 10%, it is **17.4584, -12.6949, 6.7617**.

Distribution



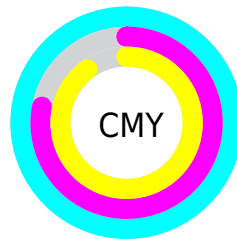
- Red (0%)
- Green (22%)
- Blue (10%)



- Red (0%)
- Yellow (16%)
- Blue (22%)



- Cyan (100%)
- Magenta (0%)
- Yellow (56%)
- Black (78%)



- Cyan (100%)
- Magenta (78%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.3102, -13.3960, 7.2819 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 17.3102, -13.3960, 7.2819 by changing the saturation by 10% instead.

■ 17.3102, -13.3960,
7.2819

■ 17.3102, -13.3960,
7.2819

■ 113.2464,
-32.4659, 20.4018

■ 10.6298, -11.5929,
6.5994

■ 33.5695, -18.3538,
10.5008

■ 0.5771, -1.0099,
0.4039

■ 42.9463, -20.5788,
11.9905

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.0629, -22.7002,
13.4367

0.0000, NaN, NaN

■ 63.8688, -24.7452,
14.8543

0.0000, NaN, NaN

■ 75.3224, -26.7325,
16.2534


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 87.3890, -28.6755,


17.6411

0.0000, NaN, NaN


 100.0389,
-30.5841, 19.0226


 17.3102, -13.3960,
7.2819


 17.3102, -13.3960,
7.2819


 17.3105, -13.3963,
7.2821

 17.4584, -12.6949,
6.7617

 17.6106, -11.9738,
6.1838

 17.7917, -11.1338,
5.5723

 18.0134, -10.1329,
4.9421

 18.2769, -8.9735,
4.2995

■ 18.5829, -7.6613,
3.6505

■ 18.9314, -6.2047,
3.0008

■ 19.3223, -4.6142,
2.3560

■ 19.7548, -2.9015,
1.7206

Harmonies

Analogous

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



17.3105, -8.6692, 10.1156



17.3102, -13.3960, 7.2819



17.3105, -14.9423, 0.9641

Triad

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



17.3105, -13.3962, 7.2820



17.3105, -0.9475, -24.5644



17.3105, 16.5684, 7.2604

Complementary

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



17.3102, -13.3960, 7.2819



9.8701, 17.9591, -1.8128

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.



17.3105, 19.7569, 0.9204



17.3102, -13.3960, 7.2819



17.3105, 8.4783, -19.9718

Square

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



17.3105, -13.3962, 7.2820



17.3105, -8.7016, -19.9278



17.3105, 16.5371, -9.3778



17.3105, 8.5261, 10.1059

Rectangle

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



17.3102, -13.3960, 7.2819



17.3105, -14.2672, -5.5827



17.3105, 16.5371, -9.3778



17.3105, 18.3081, 5.6270

Sweetspot

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



17.3105, -13.3962, 7.2820



24.4070, -8.3004, 3.9988



17.9952, -10.9761, 10.8963



13.0338, -4.5896, 2.2041



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



17.3105, -13.3962, 7.2820



22.3552, -17.4663, 9.7627



17.8473, -10.1253, -0.4498



10.5802, -1.3874, 0.8613



27.8831, -21.9253, 12.4790



71.8802, -57.4261, 34.1225

Inverse Universe

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



9.8701, 17.9591, -1.8128



12.7184, 23.0680, -1.7603



9.3714, 16.1372, 5.3666



10.1571, 0.3069, 0.2750



15.8392, 28.6642, -1.6958



40.6690, 73.1703, -1.0341

Previews

White Background



This preview shows how the HunterLab color 17.3102, -13.3960, 7.2819 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

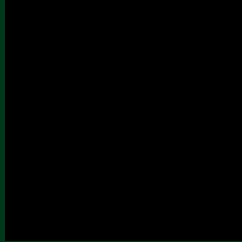
Any Text WCAG AA × Fail

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 17.3102, -13.3960, 7.2819 Background



This preview shows how black text looks on a background with the HunterLab color 17.3102, -13.3960, 7.2819.



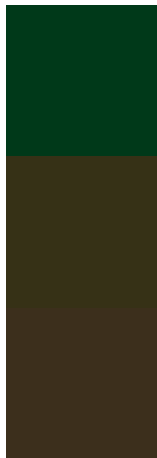
This preview shows how white text looks on a background with the HunterLab color 17.3102,

-13.3960, 7.2819.

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

17.3102, -13.3960, 7.2819

Protanopia

17.4322, -2.1993, 8.1215

Deuteranopia

17.5429, 0.7368, 7.1098



Tritanopia

17.6476, -6.4690, -2.6875

Trichromacy



Original Color

17.3102, -13.3960, 7.2819

Protanomaly

16.9054, -8.0200, 7.4337

Deuteranomaly

16.9081, -6.5645, 6.6678

Tritanomaly

17.3868, -9.4789, 1.7335

Monochromacy



Original Color

17.3102, -13.3960, 7.2819

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

14.4492, -6.5737, 3.1813

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.3102, -13.3960, 7.2819 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, 57, 25)` looks like.

```
.text, #text, p{  
    color:rgb(0, 57, 25)  
}
```

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, 57, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 57, 25) }
```

Border

The CSS property to change the border of an element to HunterLab 17.3102, -13.3960, 7.2819 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, 57, 25) }
```


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

```
.border{ border-color:rgb(0, 57, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 57, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 57, 25); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 57, 25); box-shadow:4px  
4px 4px 4px rgb(0, 57, 25) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.3102, -13.3960, 7.2819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 57, 25) }
```

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

```
.background{ background-color: rgb(0, 57,  
25) }
```

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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