

Converting Colors

HunterLab(17.2426, -11.9897,
4.3305)

Have a look what the booklet for
HunterLab(17.2426, -11.9897,
4.3305) contains.

HunterLab(17.2102, -11.9870, 4.3653)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(17.2102,
-11.9870, 4.3653)**

Conversions

Conversions Part 1

Format	Color
Hex	003825
RGB	0, 56, 37
RGB Percent	0%, 22%, 15%
CMY	1.0000, 0.7804, 0.8549
CMYK	1.00, 0.00, 0.34, 0.78
HSL	160°, 100%, 11%
HSV	160°, 100%, 22%
XYZ	1.7481, 2.9619, 2.2298
YIQ	37.0900, -27.2770, -17.7810

Conversions

Conversions Part 2

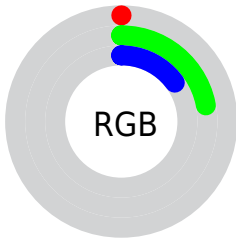
Format	Color
RYB	0, 34, 56
Decimal	14373
CIELab	19.89, -22.72, 7.16
CIELCh	20, 23.822, 162.503
Yxy	2.9620, 0.2519, 0.4268
Android (android.graphics.Color)	4278204453 (0xFF003825)
YUV	37.0900, -0.0444, -32.5279
Hunter-Lab	17.2102, -11.9870, 4.3653

Details

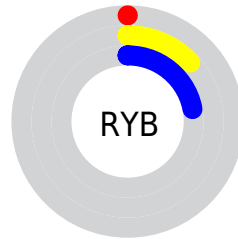
The HunterLab color **17.2102, -11.9870, 4.3653** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **9.4225, 16.6344, 2.2200**, and the grayscale version is **13.6371, -0.7276, 0.7409**.

A 20% lighter version of the original color is **33.5659, -16.5083, 6.2938**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **17.2105, -11.9873, 4.3656**, and if you desaturate by 10%, it is **17.3505, -11.3422, 3.9631**.

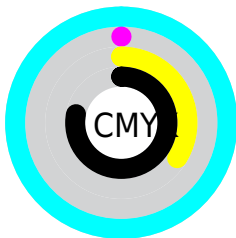
Distribution



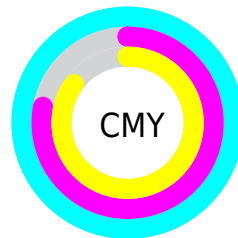
- Red (0%)
- Green (22%)
- Blue (15%)



- Red (0%)
- Yellow (13%)
- Blue (22%)



- Cyan (100%)
- Magenta (0%)
- Yellow (34%)
- Black (78%)



- Cyan (100%)
- Magenta (78%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.2102, -11.9870, 4.3653 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 17.2102, -11.9870, 4.3653 by changing the saturation by 10% instead.

■ 17.2102, -11.9870,
4.3653

■ 17.2102, -11.9870,
4.3653

■ 113.0592,
-29.1377, 13.1437

■ 10.5449, -10.2242,
3.4931

■ 33.4447, -16.3737,
6.2858

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 42.8109, -18.3603,
7.2349

0.0000, NaN, NaN

■ 52.9176, -20.2641,
8.1889

0.0000, NaN, NaN

■ 63.7141, -22.1080,
9.1522

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.1590, -23.9076,
10.1278

0.0000, NaN, NaN

■ 87.2173, -25.6739,

0.0000, NaN, NaN

11.1175

■ 99.8593, -27.4152,
12.1225

■ 17.2102, -11.9870,
4.3653

■ 17.2102, -11.9870,
4.3653

■ 17.2105, -11.9873,
4.3656

■ 17.3505, -11.3422,
3.9631

■ 17.4919, -10.6945,
3.5422

■ 17.6579, -9.9516,
3.1288

■ 17.8606, -9.0690,
2.7387

■ 18.1013, -8.0475,
2.3762

■ 18.3808, -6.8910,
2.0450

■ 18.6993, -5.6055,
1.7479

■ 19.0568, -4.1990,
1.4873

■ 19.4528, -2.6807,
1.2645

Harmonies

Analogous

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



17.2105, -9.1174, 7.9659



17.2102, -11.9870, 4.3653



17.2105, -12.2077, -2.0790

Triad

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



17.2105, -11.9871, 4.3654



17.2105, 2.0994, -16.8885



17.2105, 10.1970, 7.5468

Complementary

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



17.2102, -11.9870, 4.3653



9.4225, 16.6344, 2.2200

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.



17.2105, 14.3287, 3.4896



17.2102, -11.9870, 4.3653



17.2105, 9.1752, -11.4621

Square

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



17.2105, -11.9871, 4.3654



17.2105, -4.7899, -16.3441



17.2105, 13.9273, -3.3849



17.2105, 3.3270, 9.2595

Rectangle

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



17.2102, -11.9870, 4.3653



17.2105, -10.8819, -7.4827



17.2105, 13.9273, -3.3849



17.2105, 11.9981, 6.5038

Sweetspot

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



17.2105, -11.9871, 4.3654



24.5216, -7.6414, 2.3554



17.2424, -12.6304, 10.4034



13.0976, -4.2223, 1.2897



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.



17.2105, -11.9871, 4.3654



22.6085, -15.9040, 6.0736



15.3849, -6.5668, -5.0537



10.5937, -1.3123, 0.6681



28.2008, -19.9643, 7.8487



72.7054, -52.3231, 22.0752

Inverse Universe

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



9.4225, 16.6344, 2.2200



12.3468, 21.7160, 3.5470



10.1152, 12.6886, 6.4548



10.1431, 0.2315, 0.4740



15.3777, 26.9832, 4.9105



39.5052, 68.9193, 15.7177

Previews

White Background



This preview shows how the HunterLab color 17.2102, -11.9870, 4.3653 looks on a white background.

Color Contrast Check

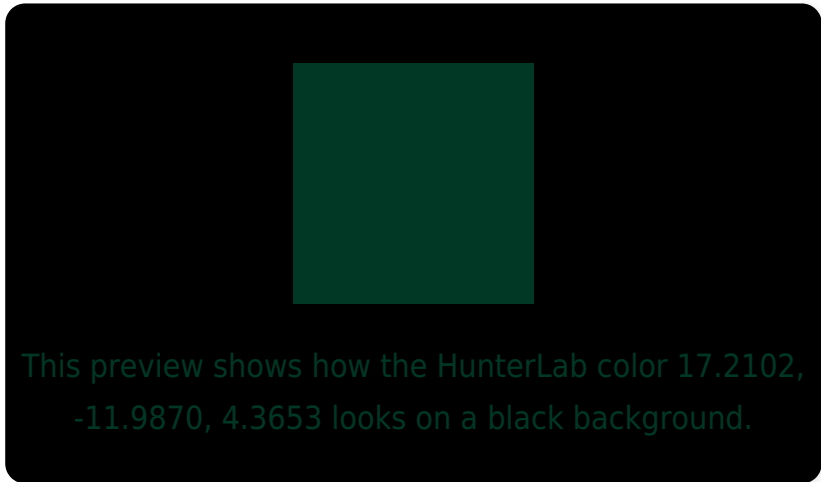
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2102, -11.9870, 4.3653 Background



This preview shows how black text looks on a background with the HunterLab color 17.2102, -11.9870, 4.3653.



This preview shows how white text looks on a background with the HunterLab color 17.2102,

-11.9870, 4.3653.

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

17.2102, -11.9870, 4.3653

Protanopia

17.5186, -1.5649, 5.6456

Deuteranopia

17.4624, 0.8227, 4.2576



Tritanopia

17.2920, -6.4633, -3.1831

Trichromacy



Original Color

17.2102, -11.9870, 4.3653

Protanomaly

17.0804, -6.9931, 4.8828

Deuteranomaly

16.7219, -5.5869, 3.7044

Tritanomaly

17.1662, -8.7606, 0.0019

Monochromacy



Original Color

17.2102, -11.9870, 4.3653

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

14.5915, -5.8239, 1.7774

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.2102, -11.9870, 4.3653 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, 56, 37)` looks like.

```
.text, #text, p{  
    color:rgb(0, 56, 37)  
}
```

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, 56, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 56, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 17.2102, -11.9870, 4.3653 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, 56, 37) }
```


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

```
.border{ border-color:rgb(0, 56, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 56, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 56, 37); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 56, 37); box-shadow:4px  
4px 4px 4px rgb(0, 56, 37) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.2102, -11.9870, 4.3653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 56, 37) }
```

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

```
.background{ background-color: rgb(0, 56,  
37) }
```

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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