

Converting Colors

HunterLab(17.1960, -0.1470,
0.3042)

Have a look what the booklet for
HunterLab(17.1960, -0.1470, 0.3042)
contains.

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Color

**HunterLab(17.0771, -0.0026,
0.0460)**

Conversions

Conversions Part 1

Format	Color
Hex	312F32
RGB	49, 47, 50
RGB Percent	19%, 18%, 20%
CMY	0.8078, 0.8157, 0.8039
CMYK	0.02, 0.06, 0.00, 0.80
HSL	280°, 3%, 19%
HSV	280°, 6%, 20%
XYZ	2.8588, 2.9163, 3.4298
YIQ	47.9400, 0.2290, 1.3570

Conversions

Conversions Part 2

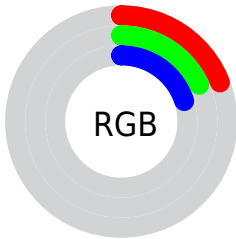
Format	Color
RYB	49, 47, 50
Decimal	3223346
CIELab	19.71, 1.59, -1.60
CIElCh	20, 2.259, 314.841
Yxy	2.9164, 0.3106, 0.3168
Android (android.graphics.Color)	4281413426 (0xFF312F32)
YUV	47.9400, 1.0156, 0.9296
Hunter-Lab	17.0771, -0.0026, 0.0460

Details

The HunterLab color **17.0771, -0.0026, 0.0460** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.6490, -1.8315, 1.8082**, and the grayscale version is **17.1691, -0.9161, 0.9328**.

A 20% lighter version of the original color is **33.3259, -0.7679, 0.8337**, and **0.8108, 2.1994, -5.7613** is the 20% darker color. If you saturate the color by 10%, you get **15.8069, 1.6017, -1.5506**, and if you desaturate by 10%, it is **18.3891, -1.5819, 1.5742**.

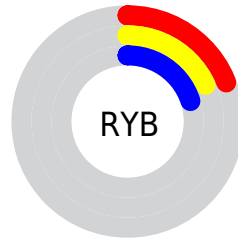
Distribution



Red (19%)

Green (18%)

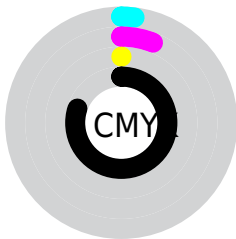
Blue (20%)



Red (19%)

Yellow (18%)

Blue (20%)

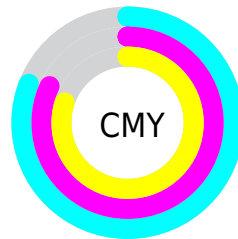


Cyan (2%)

Magenta (6%)

Yellow (0%)

Black (80%)



Cyan (81%)

Magenta (82%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.0771, -0.0026, 0.0460 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 17.0771, -0.0026, 0.0460 by changing the saturation by 10% instead.

■ 17.0771, -0.0026,
0.0460

■ 17.0771, -0.0026,
0.0460

■ 112.8097, -4.3320,
4.5136

■ 10.4319, 0.2173,
-0.1892

■ 33.2786, -0.6461,
0.7184

0.0000, INF, -NF

0.0000, NaN, NaN

■ 42.6304, -1.0495,
1.1363

0.0000, NaN, NaN

■ 52.7239, -1.4995,
1.6012

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.5081, -1.9920,
2.1089

0.0000, NaN, NaN

■ 74.9413, -2.5239,
2.6564

0.0000, NaN, NaN

■ 86.9885, -3.0926,

0.0000, NaN, NaN

3.2411

99.6200, -3.6959,
3.8607

■ 17.0771, -0.0026,
0.0460

■ 17.0771, -0.0026,
0.0460

■ 15.8069, 1.6017,
-1.5506

■ 18.3891, -1.5819,
1.5742

■ 14.5829, 3.2330,
-3.2264

■ 19.7374, -3.1371,
3.0424

■ 13.4120, 4.8892,
-4.9900

■ 21.1188, -4.6716,
4.4596

■ 12.3023, 6.5632,
-6.8478

■ 22.5300, -6.1881,
5.8334

■ 11.2636, 8.2398,
-8.7996

■ 23.9687, -7.6896,
7.1702

■ 10.3077, 9.8898,
-10.8328

■ 25.4326, -9.1786,
8.4759

■ 9.4482, 11.4645,
-12.9138

■ 26.9199, -10.6575,
9.7551

■ 8.6676, 12.9940,
-15.0734

■ 28.4289, -12.1282,
11.0120

■ 7.8340, 14.9304,
-17.7497

■ 29.9584, -13.5926,
12.2501

Harmonies

Analogous

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



17.0775, -0.5841, -0.2859



17.0771, -0.0026, 0.0460



17.0775, 0.3370, 0.6091

Triad

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



17.0775, -0.0030, 0.0463



17.0775, -0.5772, 2.0602



17.0775, -2.1282, 0.6157

Complementary

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



17.0771, -0.0026, 0.0460



17.6490, -1.8315, 1.8082

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.



17.0775, -2.1264, 1.2439



17.0771, -0.0026, 0.0460



17.0775, -1.2377, 2.0618

Square

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



17.0775, -0.0030, 0.0463



17.0775, 0.0021, 1.7635



17.0775, -1.8026, 1.7681



17.0775, -1.8075, 0.0513

Rectangle

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



17.0771, -0.0026, 0.0460



17.0775, 0.3780, 1.0317



17.0775, -1.8026, 1.7681



17.0775, -2.1651, 0.8268

Sweetspot

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



17.0775, -0.0030, 0.0463



22.2080, -0.7849, 0.8204



17.1835, -0.9112, 0.1604



12.2158, -0.4636, 0.4821



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



17.0775, -0.0030, 0.0463



21.3483, 0.2677, -0.2083



17.1397, 0.1871, 0.3011



9.5288, 0.0529, -0.0276



12.9239, 27.7458, -35.1621



33.1188, 71.8039, -95.5505

Inverse Universe

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



17.1016, -0.0190, 0.8426



21.3862, 0.2434, 1.0304



17.5912, -2.0153, 1.5784



9.5438, 0.0431, 0.4655



14.9290, 26.1862, 4.8426



38.9679, 67.9437, 15.8004

Previews

White Background



This preview shows how the HunterLab color 17.0771, -0.0026, 0.0460 looks on a white background.

Color Contrast Check

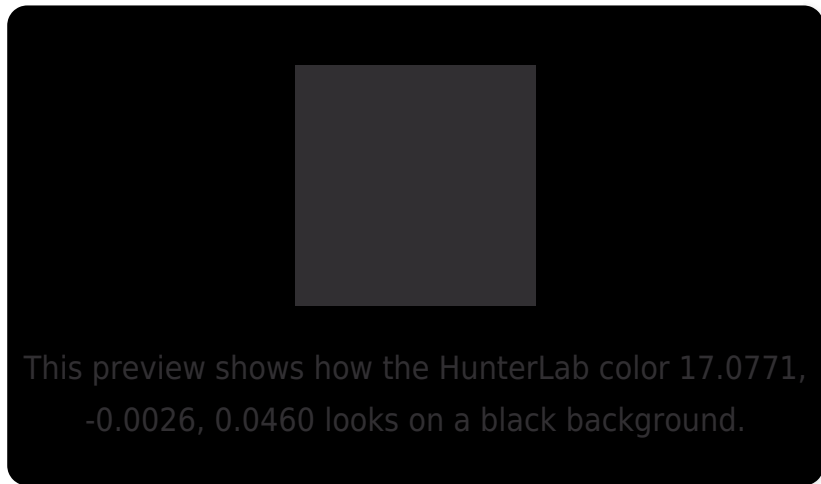
Large Text (above 18pt) WCAG AA ✓ Pass

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

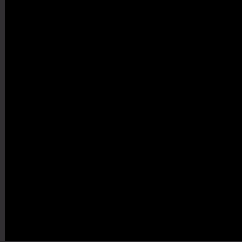
Any Text WCAG AA × Fail

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 17.0771, -0.0026, 0.0460 Background



This preview shows how black text looks on a background with the HunterLab color 17.0771, -0.0026, 0.0460.



This preview shows how white text looks on a background with the HunterLab color 17.0771, -0.0026,

0.0460.

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

17.0771, -0.0026, 0.0460

Protanopia

17.0050, -0.2502, -0.0473

Deuteranopia

16.9944, 0.9086, -0.0401



Tritanopia

17.1027, 0.1359, -0.3167

Trichromacy



Original Color

17.0771, -0.0026, 0.0460

Protanomaly

17.0050, -0.2502, -0.0473

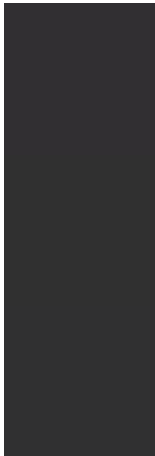
Deuteranomaly

16.9186, 0.6525, -0.1384

Tritanomaly

17.1027, 0.1359, -0.3167

Monochromacy



Original Color

17.0771, -0.0026, 0.0460

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.2164, -0.7845, 0.5881

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.0771, -0.0026, 0.0460 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(49, 47, 50)` looks like.

```
.text, #text, p{  
    color:rgb(49, 47, 50)  
}
```

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(49, 47, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 47, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 17.0771, -0.0026, 0.0460 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(49, 47, 50) }
```


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

```
.border{ border-color:rgb(49, 47, 50) }
```

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

Here you see how a box with a 4 pixel rgb(49, 47, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 47, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 47, 50);  
box-shadow:4px 4px 4px 4px rgb(49, 47, 50)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.0771, -0.0026, 0.0460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 47, 50) }
```

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

```
.background{ background-color: rgb(49, 47,  
50) }
```

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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