

Converting Colors

HunterLab(19.4310, -1.8558,
0.1292)

Have a look what the booklet for
HunterLab(19.4310, -1.8558, 0.1292)
contains.

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Color

**HunterLab(19.3173, -1.7416,
-0.0080)**

Conversions

Conversions Part 1

Format	Color
Hex	333739
RGB	51, 55, 57
RGB Percent	20%, 22%, 22%
CMY	0.8000, 0.7843, 0.7765
CMYK	0.11, 0.04, 0.00, 0.78
HSL	200°, 6%, 21%
HSV	200°, 11%, 22%
XYZ	3.4699, 3.7316, 4.4083
YIQ	54.0320, -3.0260, -0.2260

Conversions

Conversions Part 2

Format	Color
RYB	51, 53, 57
Decimal	3356473
CIELab	22.76, -1.22, -1.84
CIElCh	23, 2.206, 236.561
Yxy	3.7317, 0.2989, 0.3214
Android (android.graphics.Color)	4281546553 (0xFF333739)
YUV	54.0320, 1.4632, -2.6591
Hunter-Lab	19.3173, -1.7416, -0.0080

Details

The HunterLab color **19.3173, -1.7416, -0.0080** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.1181, -0.2370, 2.0632**, and the grayscale version is **19.2137, -1.0252, 1.0439**.

A 20% lighter version of the original color is **36.1159, -3.0051, 0.7016**, and **5.5074, -1.1617, -1.0994** is the 20% darker color. If you saturate the color by 10%, you get **18.4816, -2.2886, -1.0700**, and if you desaturate by 10%, it is **20.1814, -1.1144, 1.0440**.

Distribution



 Red (20%)

 Green (22%)

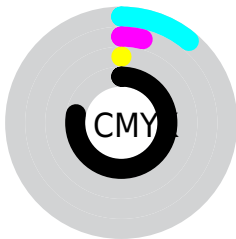
 Blue (22%)



 Red (20%)

 Yellow (21%)

 Blue (22%)



 Cyan (11%)

 Magenta (4%)

 Yellow (0%)

 Black (78%)



 Cyan (80%)

 Magenta (78%)

 Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.3173, -1.7416, -0.0080 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 19.3173, -1.7416, -0.0080 by changing the saturation by 10% instead.

■ 19.3173, -1.7416,
-0.0080

■ 19.3173, -1.7416,
-0.0080

■ 116.9512, -7.5475,
4.4721

■ 12.3477, -1.2697,
-0.2490

■ 36.0562, -2.8024,
0.6706

■ 5.5316, -1.2531,
-1.0785

■ 45.6409, -3.3867,
1.0904

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.9506, -4.0045,
1.5565

0.0000, NaN, NaN

■ 66.9373, -4.6543,
2.0653

0.0000, NaN, NaN

■ 78.5617, -5.3347,
2.6135

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.7906, -6.0444,

3.1987

0.0000, NaN, NaN

103.5953, -6.7824,
3.8189

■ 19.3173, -1.7416,
-0.0080

■ 19.3173, -1.7416,
-0.0080

■ 18.4816, -2.2886,
-1.0700

■ 20.1814, -1.1144,
1.0440

■ 17.6749, -2.7458,
-2.1418

■ 21.0710, -0.4135,
2.0846

■ 16.8996, -3.1048,
-3.2215

■ 21.9849, 0.3536,
3.1139

■ 16.1577, -3.3563,
-4.3067

■ 22.9215, 1.1806,
4.1320

■ 15.4511, -3.4911,
-5.3940

■ 23.8794, 2.0620,
5.1394

■ 14.7817, -3.5006,
-6.4793

■ 24.8574, 2.9925,
6.1365

■ 14.1512, -3.3776,
-7.5575

■ 25.8543, 3.9678,
7.1238

■ 13.5463, -3.1695,
-8.6508

■ 26.8691, 4.9839,
8.1022

■ 12.9703, -2.9910,
-9.7550

■ 27.9007, 6.0372,
9.0721

Harmonies

Analogous

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



19.3177, -2.1793, 0.4911



19.3173, -1.7416, -0.0080



19.3177, -1.1096, -0.2223

Triad

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



19.3177, -1.7420, -0.0077



19.3177, 0.2813, 0.9773



19.3177, -1.6089, 2.1239

Complementary

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



19.3173, -1.7416, -0.0080



19.1181, -0.2370, 2.0632

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.



19.3177, -0.9538, 2.2441



19.3173, -1.7416, -0.0080



19.3177, 0.1432, 1.5956

Square

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



19.3177, -1.7420, -0.0077



19.3177, 0.0635, 0.3585



19.3177, -0.3112, 2.0539



19.3177, -2.1032, 1.7198

Rectangle

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



19.3173, -1.7416, -0.0080



19.3177, -0.6603, -0.1701



19.3177, -0.3112, 2.0539



19.3177, -1.4004, 2.1982

Sweetspot

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



19.3177, -1.7420, -0.0077



25.7954, -1.6625, 0.9953



19.7135, -3.0904, 1.9993



13.7818, -0.9127, 0.4963



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.



19.3177, -1.7420, -0.0077



24.6362, -2.4821, -0.4329



18.6123, -0.5754, -0.8722



10.4070, -0.8586, 0.1209



20.3220, -3.9131, -16.9533



50.7559, -7.4385, -47.3829

Inverse Universe

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



18.7441, 1.1076, 0.1359



23.6863, 2.2717, -0.1803



19.8181, -1.4079, 2.8171



10.1638, 0.3432, 0.1792



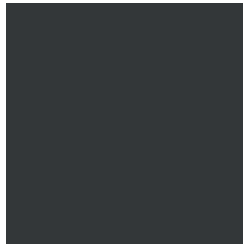
16.1378, 29.7386, -5.8679



41.4601, 76.0250, -12.1497

Previews

White Background



This preview shows how the HunterLab color 19.3173, -1.7416, -0.0080 looks on a white background.

Color Contrast Check

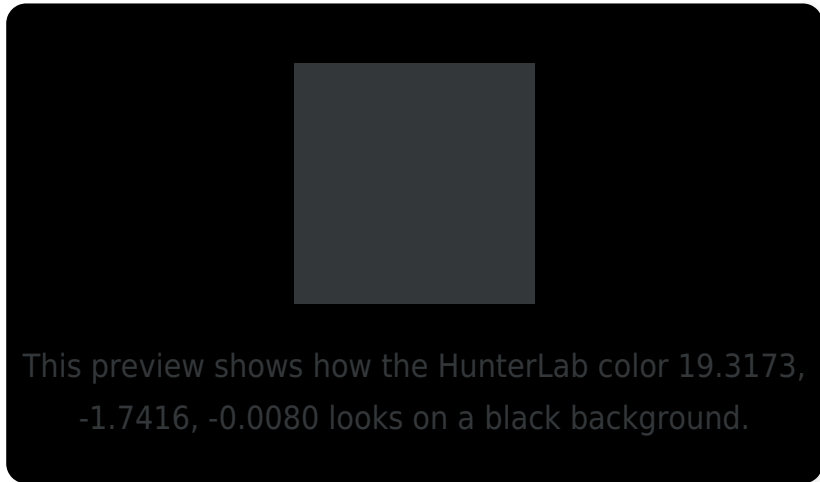
Large Text (above 18pt) WCAG AA ✓ Pass

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

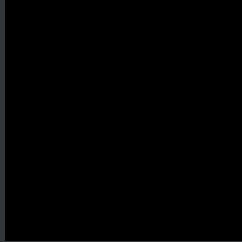
Any Text WCAG AA × Fail

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 19.3173, -1.7416, -0.0080 Background



This preview shows how black text looks on a background with the HunterLab color 19.3173, -1.7416, -0.0080.



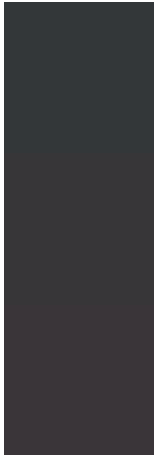
This preview shows how white text looks on a background with the HunterLab color 19.3173, -1.7416, -0.0080.

-0.0080.

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

19.3173, -1.7416, -0.0080

Protanopia

19.3289, -0.5015, 0.4252

Deuteranopia

19.3421, 0.8190, 0.0672



Tritanopia

19.3700, -1.4518, -0.7549

Trichromacy



Original Color

19.3173, -1.7416, -0.0080

Protanomaly

19.2565, -0.7520, 0.3330

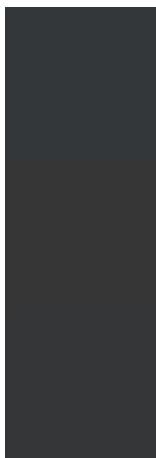
Deuteranomaly

19.3545, -0.3623, 0.0618

Tritanomaly

19.3434, -1.5979, -0.3783

Monochromacy



Original Color

19.3173, -1.7416, -0.0080

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.1600, -1.1377, 0.6016

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.3173, -1.7416, -0.0080 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(51, 55, 57)` looks like.

```
.text, #text, p{  
    color:rgb(51, 55, 57)  
}
```

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(51, 55, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 55, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 19.3173, -1.7416, -0.0080 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(51, 55, 57) }
```


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

```
.border{ border-color:rgb(51, 55, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 55, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 55, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 55, 57);  
box-shadow:4px 4px 4px 4px rgb(51, 55, 57)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.3173, -1.7416, -0.0080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 55, 57) }
```

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

```
.background{ background-color: rgb(51, 55,  
57) }
```

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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