

Converting Colors

HunterLab(10.3603, -0.2940,
-0.8826)

Have a look what the booklet for
HunterLab(10.3603, -0.2940,
-0.8826) contains.

HunterLab(10.4378, -0.4779, -0.9402)	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(10.4378, -0.4779,
-0.9402)**

Conversions

Conversions Part 1

Format	Color
Hex	191B1F
RGB	25, 27, 31
RGB Percent	10%, 11%, 12%
CMY	0.9020, 0.8941, 0.8784
CMYK	0.19, 0.13, 0.00, 0.88
HSL	220°, 11%, 11%
HSV	220°, 19%, 12%
XYZ	1.0402, 1.0895, 1.4518
YIQ	26.8580, -2.4760, 0.8200

Conversions

Conversions Part 2

Format	Color
RYB	25, 27, 31
Decimal	1645343
CIELab	9.72, 0.17, -3.09
CIElCh	10, 3.092, 273.067
Yxy	1.0895, 0.2904, 0.3042
Android (android.graphics.Color)	4279835423 (0xFF191B1F)
YUV	26.8580, 2.0420, -1.6295
Hunter-Lab	10.4378, -0.4779, -0.9402

Details

The HunterLab color **10.4378, -0.4779, -0.9402** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **11.1366, -0.5769, 1.9556**, and the grayscale version is **10.4203, -0.5560, 0.5662**.

A 20% lighter version of the original color is **24.7331, -1.1061, -0.7361**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **9.8022, -0.3597, -1.8073**, and if you desaturate by 10%, it is **11.0872, -0.5662, -0.1103**.

Distribution



Red (10%)

Green (11%)

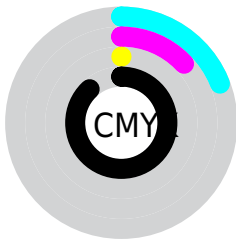
Blue (12%)



Red (10%)

Yellow (11%)

Blue (12%)

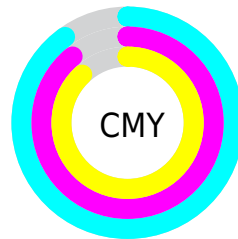


Cyan (19%)

Magenta (13%)

Yellow (0%)

Black (88%)



Cyan (90%)

Magenta (89%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 10.4378, -0.4779, -0.9402 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 10.4378, -0.4779, -0.9402 by changing the saturation by 10% instead.

■ 10.4378, -0.4779,
-0.9402

■ 10.4378, -0.4779,
-0.9402

■ 99.6330, -5.1532,
2.3904

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 24.7409, -1.2156,
-0.6049

0.0000, NaN, NaN

■ 33.2876, -1.6611,
-0.3277

0.0000, NaN, NaN

■ 42.6402, -2.1506,
0.0086

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 52.7345, -2.6805,
0.3971

0.0000, NaN, NaN

■ 63.5193, -3.2478,
0.8331

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.9531, -3.8503,

1.3126

■ 87.0010, -4.4860,
1.8326

■ 10.4378, -0.4779,
-0.9402

■ 10.4378, -0.4779,
-0.9402

■ 9.8022, -0.3597,
-1.8073

■ 11.0872, -0.5662,
-0.1103

■ 9.1812, -0.2065,
-2.7177

■ 11.7488, -0.6278,
0.6866

■ 8.5763, -0.0135,
-3.6775

■ 12.4218, -0.6661,
1.4551

■ 7.9895, 0.2254,
-4.6932

■ 13.1055, -0.6837,
2.1988

■ 7.4225, 0.5163,
-5.7724

■ 13.7990, -0.6831,
2.9210

■ 6.8611, 0.8114,
-6.9604

■ 14.5019, -0.6662,
3.6243

■ 6.2956, 1.0810,
-8.3104

■ 15.2135, -0.6347,
4.3113

■ 5.7233, 1.3213,
-9.8796

■ 15.9335, -0.5900,
4.9840

■ 5.6860, 1.3358,
-9.9905

■ 16.6613, -0.5335,
5.6441

Harmonies

Analogous

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



10.4380, -1.2204, -0.7686



10.4378, -0.4779, -0.9402



10.4380, 0.2635, -0.6838

Triad

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



10.4380, -0.4781, -0.9400



10.4380, 0.7138, 1.3085



10.4380, -1.8463, 1.1868

Complementary

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



10.4378, -0.4779, -0.9402



11.1366, -0.5769, 1.9556

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.



10.4380, -1.3539, 1.6820



10.4378, -0.4779, -0.9402



10.4380, 0.1223, 1.7486

Square

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



10.4380, -0.4781, -0.9400



10.4380, 0.9641, 0.6433



10.4380, -0.6367, 1.8804



10.4380, -1.9966, 0.4925

Rectangle

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



10.4378, -0.4779, -0.9402



10.4380, 0.6538, -0.3150



10.4380, -0.6367, 1.8804



10.4380, -1.7160, 1.3803

Sweetspot

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



10.4380, -0.4781, -0.9400



14.2815, -0.7428, 0.1538



11.2911, -2.1885, 0.8493



8.1925, -0.4272, 0.1147



54.3783, -2.9015, 2.9545



8.4820, -0.4526, 0.4608

Same Dimension

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



10.4380, -0.4781, -0.9400



12.7748, -0.5280, -1.7891



10.0624, 0.4571, -1.4299



6.6974, -0.3461, 0.0200



11.4885, 7.7133, -31.0104



29.5337, 28.8650, -99.2258

Inverse Universe

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



10.3235, 1.1365, 0.4256



12.6009, 2.0878, 0.4850



11.5226, -1.5159, 2.3411



6.6670, 0.0345, 0.3248



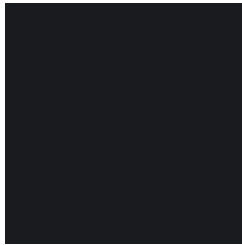
13.1931, 23.1710, 4.0492



36.9170, 64.3807, 14.8686

Previews

White Background



This preview shows how the HunterLab color 10.4378, -0.4779, -0.9402 looks on a white background.

Color Contrast Check

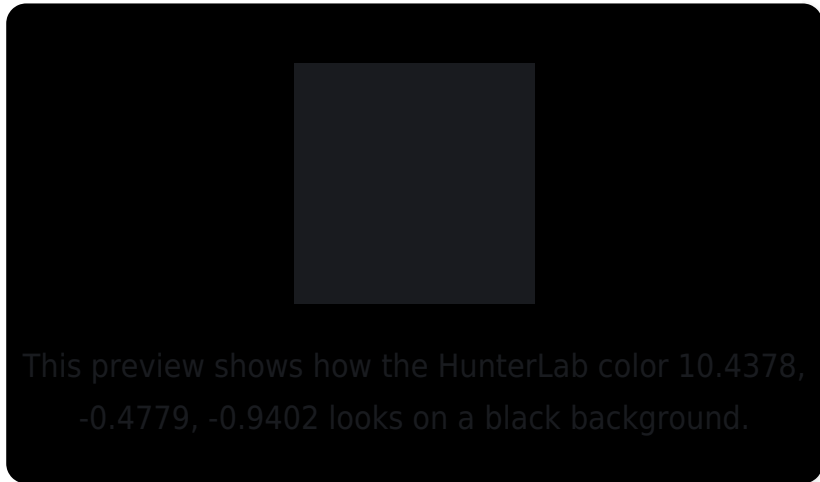
Large Text (above 18pt) WCAG AA ✓ Pass

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

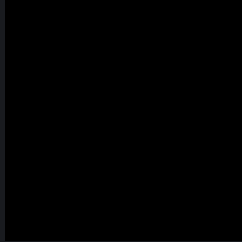
Any Text WCAG AA × Fail

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 10.4378, -0.4779, -0.9402 Background



This preview shows how black text looks on a background with the HunterLab color 10.4378, -0.4779, -0.9402.



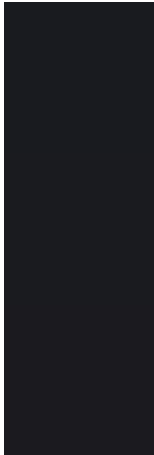
This preview shows how white text looks on a background with the HunterLab color 10.4378, -0.4779, -0.9402.

-0.9402.

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

10.4378, -0.4779, -0.9402

Protanopia

10.4996, -0.2641, -0.8551

Deuteranopia

10.3476, 0.3274, -1.0458



Tritanopia

10.3887, -0.7471, -0.2456

Trichromacy



Original Color

10.4378, -0.4779, -0.9402

Protanomaly

10.4996, -0.2641, -0.8551

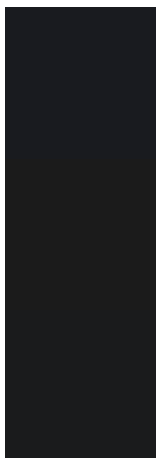
Deuteranomaly

10.2827, 0.1063, -1.1366

Tritanomaly

10.4129, -0.6143, -0.5882

Monochromacy



Original Color

10.4378, -0.4779, -0.9402

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.4275, -0.6584, 0.1672

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 10.4378, -0.4779, -0.9402 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(25, 27, 31)` looks like.

```
.text, #text, p{  
    color:rgb(25, 27, 31)  
}
```

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(25, 27, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 27, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 10.4378, -0.4779, -0.9402 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(25, 27, 31) }
```


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

```
.border{ border-color:rgb(25, 27, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 27, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 27, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 27, 31);  
box-shadow:4px 4px 4px 4px rgb(25, 27, 31)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 10.4378, -0.4779, -0.9402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 27, 31) }
```

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

```
.background{ background-color: rgb(25, 27,  
31) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor