

Converting Colors

HunterLab(9.8441, -10.5114,
-0.7038)

Have a look what the booklet for
HunterLab(9.8441, -10.5114,
-0.7038) contains.

HunterLab(10.8238, -6.5161, 0.5376)	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(10.8238, -6.5161,
0.5376)**

Conversions

Conversions Part 1

Format	Color
Hex	00211C
RGB	0, 33, 28
RGB Percent	0%, 13%, 11%
CMY	1.0000, 0.8706, 0.8902
CMYK	1.00, 0.00, 0.15, 0.87
HSL	171°, 100%, 6%
HSV	171°, 100%, 13%
XYZ	0.7535, 1.1715, 1.2850
YIQ	22.5630, -18.0630, -8.5510

Conversions

Conversions Part 2

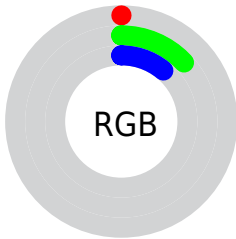
Format	Color
RYB	0, 18, 33
Decimal	8476
CIELab	10.35, -13.73, -0.11
CIELCh	10, 13.730, 180.464
Yxy	1.1716, 0.2347, 0.3650
Android (android.graphics.Color)	4278198556 (0xFF00211C)
YUV	22.5630, 2.6804, -19.7878
Hunter-Lab	10.8238, -6.5161, 0.5376

Details

The HunterLab color **10.8238, -6.5161, 0.5376** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5.7821, 10.0906, 2.2669**, and the grayscale version is **9.1218, -0.4867, 0.4956**.

A 20% lighter version of the original color is **25.1408, -9.3951, 1.2686**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **10.8240, -6.5163, 0.5377**, and if you desaturate by 10%, it is **10.9330, -6.0577, 0.5013**.

Distribution



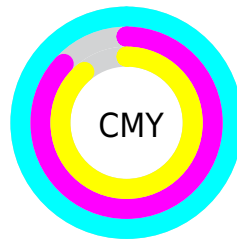
- Red (0%)
- Green (13%)
- Blue (11%)



- Red (0%)
- Yellow (7%)
- Blue (13%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (87%)



- Cyan (100%)
- Magenta (87%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 10.8238, -6.5161, 0.5376 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 10.8238, -6.5161, 0.5376 by changing the saturation by 10% instead.

■ 10.8238, -6.5161,
0.5376

■ 10.8238, -6.5161,
0.5376

■ 100.4479,
-18.9821, 5.3597

■ 1.9575, -3.4256,
-0.1290

■ 25.2542, -9.5897,
1.3065

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 33.8539, -11.0085,
1.7676

0.0000, NaN, NaN

■ 43.2550, -12.3806,
2.2730

0.0000, NaN, NaN

■ 53.3941, -13.7236,
2.8189

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 64.2210, -15.0488,
3.4027


0.0000, NaN, NaN

■ 75.6945, -16.3636,


0.0000, NaN, NaN


4.0220


 87.7800, -17.6734,
4.6749


 10.8238, -6.5161,
0.5376


 10.8238, -6.5161,
0.5376


 10.8240, -6.5163,
0.5377

 10.9330, -6.0577,
0.5013

 11.0411, -5.6078,
0.4631

 11.1483, -5.1661,
0.4231

 11.2631, -4.6994,
0.3920

 11.3960, -4.1698,
0.3829

■ 11.5470, -3.5789,
0.3961

■ 11.7162, -2.9291,
0.4317

■ 11.9036, -2.2233,
0.4895

■ 12.1092, -1.4649,
0.5692

Harmonies

Analogous

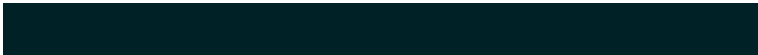
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10.8240, -5.7980, 3.3375



10.8238, -6.5161, 0.5376



10.8240, -5.7533, -3.1407

Triad

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



10.8240, -6.5161, 0.5377



10.8240, 3.0101, -6.4188



10.8240, 2.9050, 5.3202

Complementary

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



10.8238, -6.5161, 0.5376



5.7821, 10.0906, 2.2669

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.



10.8240, 5.7822, 3.4113



10.8238, -6.5161, 0.5376



10.8240, 5.8481, -3.0229

Square

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



10.8240, -6.5161, 0.5377



10.8240, -0.5241, -7.8548



10.8240, 6.9202, 0.6404



10.8240, -0.6320, 6.0034

Rectangle

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



10.8238, -6.5161, 0.5376



10.8240, -4.5002, -5.5251



10.8240, 6.9202, 0.6404



10.8240, 3.9966, 4.8006

Sweetspot

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



10.8240, -6.5161, 0.5377



14.8233, -3.9151, 0.5352



10.5983, -8.2272, 6.3864



8.7552, -2.2879, 0.3173



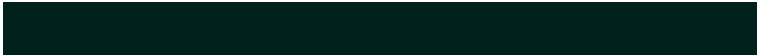
55.4075, -2.9564, 3.0104



9.2414, -0.4931, 0.5021

Same Dimension

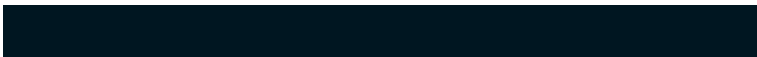
The Same Dimension uses a secret algorithm to generate beautiful new colors.



10.8240, -6.5161, 0.5377



13.7314, -8.3376, 0.8354



8.2684, -2.3488, -5.2640



6.9022, -0.7164, 0.3365



24.5057, -15.0974, 1.9609



68.9297, -43.0253, 6.7232

Inverse Universe

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



5.7821, 10.0906, 2.2669



7.3184, 12.7296, 3.2043



7.5014, 4.6456, 4.7034



6.6613, 0.0036, 0.4063



13.0035, 22.4725, 6.8234



36.4708, 62.7329, 21.4304

Previews

White Background



This preview shows how the HunterLab color 10.8238, -6.5161, 0.5376 looks on a white background.

Color Contrast Check

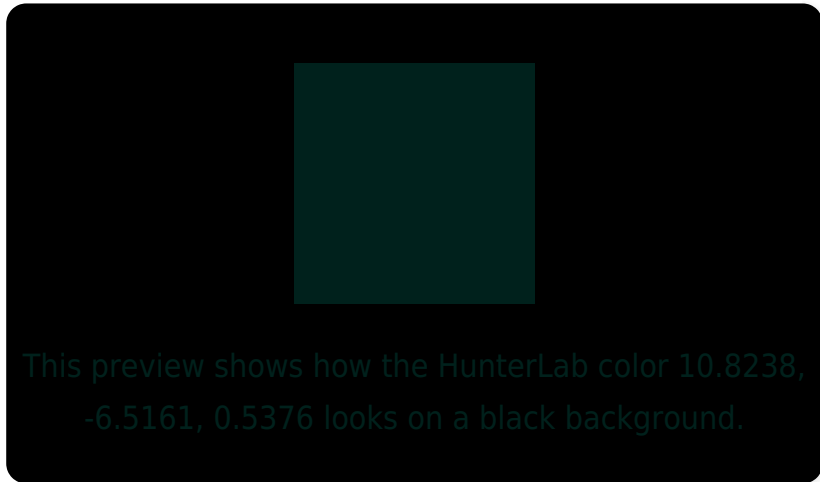
Large Text (above 18pt) WCAG AA ✓ Pass

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

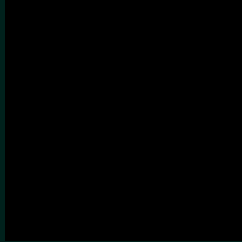
Any Text WCAG AA × Fail

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 10.8238, -6.5161, 0.5376 Background



This preview shows how black text looks on a background with the HunterLab color 10.8238, -6.5161, 0.5376.



This preview shows how white text looks on a background with the HunterLab color 10.8238, -6.5161,

0.5376.

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

10.8238, -6.5161, 0.5376

Protanopia

11.0875, -0.7082, 1.5937

Deuteranopia

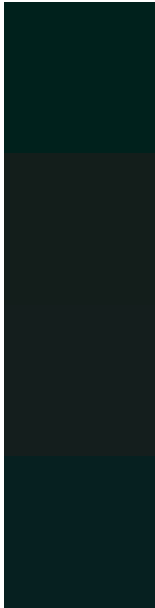
11.0738, 0.4907, 0.6087



Tritanopia

11.0111, -4.1522, -1.8497

Trichromacy



Original Color

10.8238, -6.5161, 0.5376

Protanomaly

10.7057, -3.2178, 0.7979

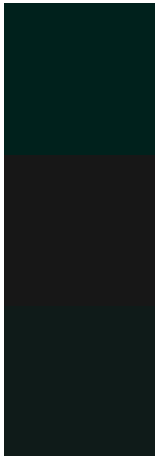
Deuteranomaly

10.7980, -2.7868, 0.2224

Tritanomaly

10.8445, -4.9485, -0.8754

Monochromacy



Original Color

10.8238, -6.5161, 0.5376

Achromatopsia

9.2564, -0.4939, 0.5029

Achromatomaly

9.7755, -3.1493, 0.3904

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 10.8238, -6.5161, 0.5376 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, 33, 28)` looks like.

```
.text, #text, p{  
    color:rgb(0, 33, 28)  
}
```

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, 33, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 33, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 10.8238, -6.5161, 0.5376 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, 33, 28) }
```


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

```
.border{ border-color:rgb(0, 33, 28) }
```

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

Here you see how a box with a 4 pixel rgb(0, 33, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 33, 28); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 33, 28); box-shadow:4px  
4px 4px 4px rgb(0, 33, 28) }
```

Background

The CSS property to change the background color of an element to HunterLab 10.8238, -6.5161, 0.5376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 33, 28) }
```

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

```
.background{ background-color: rgb(0, 33,  
28) }
```

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