

Converting Colors

HunterLab(15.7543, -10.9183,
3.8779)

Have a look what the booklet for
HunterLab(15.7543, -10.9183,
3.8779) contains.

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Color

**HunterLab(15.7580,
-10.8960, 3.8251)**

Conversions

Conversions Part 1

Format	Color
Hex	003322
RGB	0, 51, 34
RGB Percent	0%, 20%, 13%
CMY	1.0000, 0.8000, 0.8667
CMYK	1.00, 0.00, 0.33, 0.80
HSL	160°, 100%, 10%
HSV	160°, 100%, 20%
XYZ	1.4726, 2.4831, 1.9151
YIQ	33.8130, -24.9390, -16.0990

Conversions

Conversions Part 2

Format	Color
RYB	0, 31, 51
Decimal	13090
CIELab	17.84, -21.22, 6.34
CIELCh	18, 22.151, 163.377
Yxy	2.4832, 0.2508, 0.4230
Android (android.graphics.Color)	4278203170 (0xFF003322)
YUV	33.8130, 0.0922, -29.6540
Hunter-Lab	15.7580, -10.8960, 3.8251

Details

The HunterLab color **15.7580, -10.8960, 3.8251** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8.6274, 15.2434, 1.9383**, and the grayscale version is **12.5942, -0.6720, 0.6843**.

A 20% lighter version of the original color is **31.6057, -15.1658, 5.6887**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.7583, -10.8962, 3.8253**, and if you desaturate by 10%, it is **15.8941, -10.2768, 3.4768**.

Distribution



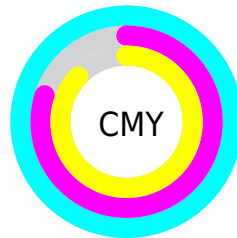
- Red (0%)
- Green (20%)
- Blue (13%)



- Red (0%)
- Yellow (12%)
- Blue (20%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (80%)



- Cyan (100%)
- Magenta (80%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.7580, -10.8960, 3.8251 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 15.7580, -10.8960, 3.8251 by changing the saturation by 10% instead.

■ 15.7580, -10.8960,
3.8251

■ 15.7580, -10.8960,
3.8251

■ 110.3109,
-27.3402, 12.1585

■ 9.3179, -10.4234,
3.3262

■ 31.6230, -15.1038,
5.6230

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.8300, -17.0050,
6.5177

0.0000, NaN, NaN

■ 50.7895, -18.8271,
7.4208

0.0000, NaN, NaN

■ 61.4484, -20.5929,
8.3363

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 72.7635, -22.3176,
9.2665


0.0000, NaN, NaN


■ 84.6987, -24.0121,


0.0000, NaN, NaN


10.2131


 97.2233, -25.6844,
11.1769


 15.7580, -10.8960,
3.8251


 15.7580, -10.8960,
3.8251


 15.7583, -10.8962,
3.8253

 15.8941, -10.2768,
3.4768

 16.0302, -9.6594,
3.1123

 16.1833, -8.9778,
2.7506

 16.3689, -8.1733,
2.4106

 16.5880, -7.2472,
2.0961

■ 16.8412, -6.2028,
1.8100

■ 17.1287, -5.0455,
1.5547

■ 17.4505, -3.7823,
1.3319

■ 17.8062, -2.4211,
1.1430

Harmonies

Analogous

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



15.7583, -8.3642, 7.1689



15.7580, -10.8960, 3.8251



15.7583, -11.0262, -2.0649

Triad

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



15.7583, -10.8961, 3.8252



15.7583, 2.0762, -15.0888



15.7583, 9.0238, 6.9205

Complementary

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



15.7580, -10.8960, 3.8251



8.6274, 15.2434, 1.9383

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.



15.7583, 12.8436, 3.3096



15.7580, -10.8960, 3.8251



15.7583, 8.4255, -10.1006

Square

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



15.7583, -10.8961, 3.8252



15.7583, -4.1767, -14.7715



15.7583, 12.6088, -2.8296



15.7583, 2.7960, 8.5218

Rectangle

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



15.7580, -10.8960, 3.8251



15.7583, -9.7770, -6.9398



15.7583, 12.6088, -2.8296



15.7583, 10.6729, 5.9931

Sweetspot

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



15.7583, -10.8961, 3.8252



22.0108, -6.7455, 2.0523



15.7953, -11.4753, 9.5320



11.6078, -3.6169, 1.0950



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.



15.7583, -10.8961, 3.8252



20.2853, -14.1678, 5.2293



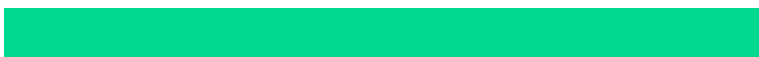
14.1153, -6.0584, -4.5643



9.8341, -1.1941, 0.6125



27.3997, -19.3131, 7.4442



71.7815, -51.4620, 21.3710

Inverse Universe

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



8.6274, 15.2434, 1.9383



11.0771, 19.4963, 3.0769



9.3270, 11.3962, 5.9466



9.4287, 0.1886, 0.4476



14.9288, 26.1855, 4.8454



38.9674, 67.9420, 15.8072

Previews

White Background



This preview shows how the HunterLab color 15.7580, -10.8960, 3.8251 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 15.7580, -10.8960, 3.8251 Background



This preview shows how black text looks on a background with the HunterLab color 15.7580, -10.8960, 3.8251.



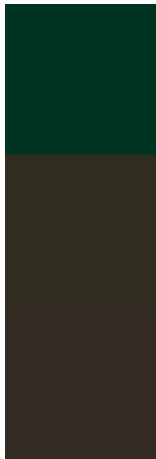
This preview shows how white text looks on a background with the HunterLab color 15.7580,

-10.8960, 3.8251.

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

15.7580, -10.8960, 3.8251

Protanopia

15.9018, -1.2590, 4.9432

Deuteranopia

16.0785, 0.7103, 3.7652



Tritanopia

16.0694, -6.0124, -2.6306

Trichromacy



Original Color

15.7580, -10.8960, 3.8251

Protanomaly

15.5840, -6.1703, 4.2959

Deuteranomaly

15.4876, -5.1181, 3.3665

Tritanomaly

15.9675, -8.1367, 0.0990

Monochromacy



Original Color

15.7580, -10.8960, 3.8251

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

13.4300, -5.1820, 1.5036

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.7580, -10.8960, 3.8251 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, 51, 34)` looks like.

```
.text, #text, p{  
    color:rgb(0, 51, 34)  
}
```

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, 51, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 51, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 15.7580, -10.8960, 3.8251 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, 51, 34) }
```


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

```
.border{ border-color:rgb(0, 51, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 51, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 51, 34); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 51, 34); box-shadow:4px  
4px 4px 4px rgb(0, 51, 34) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.7580, -10.8960, 3.8251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 51, 34) }
```

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

```
.background{ background-color: rgb(0, 51,  
34) }
```

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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