

Converting Colors

HunterLab(15.6585, -19.3724,
-1.4865)

Have a look what the booklet for
HunterLab(15.6585, -19.3724,
-1.4865) contains.

HunterLab(17.7426, -10.7524, 1.0347)	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(17.7426,
-10.7524, 1.0347)**

Conversions

Conversions Part 1

Format	Color
Hex	003931
RGB	0, 57, 49
RGB Percent	0%, 22%, 19%
CMY	1.0000, 0.7765, 0.8078
CMYK	1.00, 0.00, 0.14, 0.78
HSL	172°, 100%, 11%
HSV	172°, 100%, 22%
XYZ	2.0175, 3.1480, 3.4070
YIQ	39.0450, -31.4040, -14.5720

Conversions

Conversions Part 2

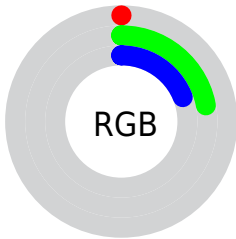
Format	Color
RYB	0, 31, 57
Decimal	14641
CIELab	20.63, -19.44, 0.13
CIElCh	21, 19.436, 179.625
Yxy	3.1481, 0.2353, 0.3672
Android (android.graphics.Color)	4278204721 (0xFF003931)
YUV	39.0450, 4.9078, -34.2425
Hunter-Lab	17.7426, -10.7524, 1.0347

Details

The HunterLab color **17.7426, -10.7524, 1.0347** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **9.4206, 16.3177, 4.6442**, and the grayscale version is **14.2507, -0.7604, 0.7743**.

A 20% lighter version of the original color is **34.2660, -14.6832, 2.1246**, and **3.0202, -2.0717, 0.6973** is the 20% darker color. If you saturate the color by 10%, you get **17.7429, -10.7527, 1.0350**, and if you desaturate by 10%, it is **17.8654, -10.2227, 0.8897**.

Distribution



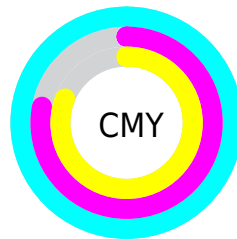
- Red (0%)
- Green (22%)
- Blue (19%)



- Red (0%)
- Yellow (12%)
- Blue (22%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (78%)



- Cyan (100%)
- Magenta (78%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.7426, -10.7524, 1.0347 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 17.7426, -10.7524, 1.0347 by changing the saturation by 10% instead.

■ 17.7426, -10.7524,
1.0347

■ 17.7426, -10.7524,
1.0347

■ 114.0527,
-26.0351, 6.3369

■ 10.9979, -8.7970,
0.6575

■ 34.1079, -14.5734,
1.9426

■ 2.6359, -4.6128,
0.3436

■ 43.5306, -16.3272,
2.4628

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.6897, -18.0199,
3.0225

0.0000, NaN, NaN

■ 64.5353, -19.6694,
3.6192

0.0000, NaN, NaN

■ 76.0265, -21.2880,
4.2507


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 88.1287, -22.8845,


4.9152


0.0000, NaN, NaN


 100.8126,
-24.4652, 5.6110


 17.7426, -10.7524,
1.0347


 17.7426, -10.7524,
1.0347


 17.7429, -10.7527,
1.0350

 17.8654, -10.2227,
0.8897

 17.9883, -9.6948,
0.7430

 18.1357, -9.0742,
0.6250

 18.3192, -8.3187,
0.5509

 18.5403, -7.4274,
0.5230

■ 18.7999, -6.4023,
0.5428

■ 19.0986, -5.2477,
0.6109

■ 19.4364, -3.9701,
0.7270

■ 19.8130, -2.5774,
0.8902

Harmonies

Analogous

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



17.7429, -9.5564, 5.5244



17.7426, -10.7524, 1.0347



17.7429, -9.6145, -5.0976

Triad

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



17.7429, -10.7525, 1.0349



17.7429, 4.8891, -10.9063



17.7429, 5.0312, 7.8816

Complementary

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



17.7426, -10.7524, 1.0347



9.4206, 16.3177, 4.6442

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.



17.7429, 9.7876, 5.4386



17.7426, -10.7524, 1.0347



17.7429, 9.6985, -5.2573

Square

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



17.7429, -10.7525, 1.0349



17.7429, -1.0204, -13.1983



17.7429, 11.5943, 0.8964



17.7429, -0.8748, 8.6205

Rectangle

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



17.7426, -10.7524, 1.0347



17.7429, -7.5904, -9.1276



17.7429, 11.5943, 0.8964



17.7429, 6.8437, 7.2812

Sweetspot

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



17.7429, -10.7525, 1.0349



24.6324, -7.0071, 0.7734



17.2671, -13.9850, 10.3948



13.1595, -3.8675, 0.4062



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.



17.7429, -10.7525, 1.0349



22.9263, -13.9712, 1.5039



12.7349, -2.6384, -10.2213



10.6061, -1.2439, 0.4921



28.6059, -17.4999, 2.0225



73.8058, -45.6177, 6.2248

Inverse Universe

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



9.4206, 16.3177, 4.6442



12.1516, 20.9972, 6.4008



11.6983, 9.0795, 7.3670



10.1308, 0.1651, 0.6491



15.1453, 26.1266, 8.3143



38.9929, 67.0272, 23.2524

Previews

White Background



This preview shows how the HunterLab color 17.7426, -10.7524, 1.0347 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 17.7426, -10.7524, 1.0347 Background



This preview shows how black text looks on a background with the HunterLab color 17.7426, -10.7524, 1.0347.



This preview shows how white text looks on a background with the HunterLab color 17.7426,

-10.7524, 1.0347.

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

17.7426, -10.7524, 1.0347

Protanopia

17.8906, -1.0730, 2.7778

Deuteranopia

18.0218, 0.8639, 0.8162



Tritanopia

17.8011, -7.1312, -3.3945

Trichromacy



Original Color

17.7426, -10.7524, 1.0347

Protanomaly

17.5123, -6.2504, 1.9305

Deuteranomaly

17.4459, -4.9835, 0.4075

Tritanomaly

17.8281, -8.6398, -1.6082

Monochromacy



Original Color

17.7426, -10.7524, 1.0347

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

15.2810, -5.5527, 0.4511

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.7426, -10.7524, 1.0347 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, 57, 49)` looks like.

```
.text, #text, p{  
    color:rgb(0, 57, 49)  
}
```

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, 57, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 57, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 17.7426, -10.7524, 1.0347 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, 57, 49) }
```


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

```
.border{ border-color:rgb(0, 57, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 57, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 57, 49); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 57, 49); box-shadow:4px  
4px 4px 4px rgb(0, 57, 49) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.7426, -10.7524, 1.0347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 57, 49) }
```

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

```
.background{ background-color: rgb(0, 57,  
49) }
```

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