

Converting Colors

HunterLab(17.7448, -14.0754,
8.2052)

Have a look what the booklet for
HunterLab(17.7448, -14.0754,
8.2052) contains.

HunterLab(17.8490, -14.1469, 8.2294)	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(17.8490,
-14.1469, 8.2294)**

Conversions

Conversions Part 1

Format	Color
Hex	003B16
RGB	0, 59, 22
RGB Percent	0%, 23%, 9%
CMY	1.0000, 0.7686, 0.9137
CMYK	1.00, 0.00, 0.63, 0.77
HSL	142°, 100%, 12%
HSV	142°, 100%, 23%
XYZ	1.7088, 3.1859, 1.2839
YIQ	37.1410, -23.2870, -24.0150

Conversions

Conversions Part 2

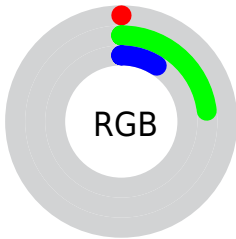
Format	Color
RYB	0, 43, 59
Decimal	15126
CIELab	20.77, -27.52, 17.88
CIELCh	21, 32.820, 146.989
Yxy	3.1860, 0.2766, 0.5156
Android (android.graphics.Color)	4278205206 (0xFF003B16)
YUV	37.1410, -7.4645, -32.5727
Hunter-Lab	17.8490, -14.1469, 8.2294

Details

The HunterLab color **17.8490, -14.1469, 8.2294** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **10.3123, 18.9551, -3.3772**, and the grayscale version is **13.6755, -0.7297, 0.7430**.

A 20% lighter version of the original color is **34.1950, -19.3212, 11.7957**, and **3.2946, -2.8251, 1.9806** is the 20% darker color. If you saturate the color by 10%, you get **17.8493, -14.1472, 8.2296**, and if you desaturate by 10%, it is **17.9983, -13.4369, 7.6933**.

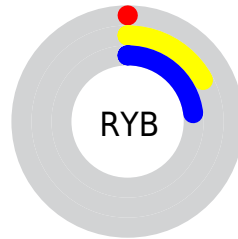
Distribution



Red (0%)

Green (23%)

Blue (9%)



Red (0%)

Yellow (17%)

Blue (23%)

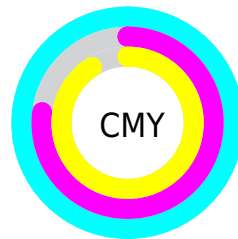


Cyan (100%)

Magenta (0%)

Yellow (63%)

Black (77%)



Cyan (100%)

Magenta (77%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.8490, -14.1469, 8.2294 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 17.8490, -14.1469, 8.2294 by changing the saturation by 10% instead.

■ 17.8490, -14.1469,
8.2294

■ 17.8490, -14.1469,
8.2294

■ 114.2504,
-33.9398, 22.8792

■ 11.0887, -11.9713,
7.5021

■ 34.2402, -19.3068,
11.8989

■ 2.9271, -5.1223,
2.0489

■ 43.6740, -21.6207,
13.5792

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.8435, -23.8248,
15.1997

0.0000, NaN, NaN

■ 64.6989, -25.9472,
16.7784

0.0000, NaN, NaN

■ 76.1992, -28.0077,
18.3280


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 88.3102, -30.0200,


19.8573


0.0000, NaN, NaN


 101.0024,
-31.9948, 21.3727


 17.8490, -14.1469,
8.2294


 17.8490, -14.1469,
8.2294


 17.8493, -14.1472,
8.2296

 17.9983, -13.4369,
7.6933

 18.1535, -12.6965,
7.0819

 18.3417, -11.8179,
6.4200

 18.5734, -10.7634,
5.7213

 18.8501, -9.5357,
4.9927

■ 19.1724, -8.1414,
4.2409

■ 19.5404, -6.5899,
3.4731

■ 19.9538, -4.8929,
2.6957

■ 20.4119, -3.0635,
1.9149

Harmonies

Analogous

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



17.8494, -8.7130, 10.9684



17.8490, -14.1469, 8.2294



17.8494, -16.1217, 1.8861

Triad

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



17.8494, -14.1471, 8.2295



17.8494, -1.9307, -27.7266



17.8494, 19.0916, 7.3340

Complementary

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



17.8490, -14.1469, 8.2294



10.3123, 18.9551, -3.3772

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.



17.8494, 21.9832, 0.0059



17.8490, -14.1469, 8.2294



17.8494, 8.4107, -23.4596

Square

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



17.8494, -14.1471, 8.2295



17.8494, -10.0888, -21.4898



17.8494, 17.7181, -11.7847



17.8494, 10.4942, 10.5681

Rectangle

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



17.8490, -14.1469, 8.2294



17.8494, -15.6160, -5.0876



17.8494, 17.7181, -11.7847



17.8494, 20.8339, 5.4492

Sweetspot

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



17.8494, -14.1471, 8.2295



25.2169, -8.8161, 4.6323



18.7835, -10.6318, 11.3881



13.0160, -4.6924, 2.4600



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.



17.8494, -14.1471, 8.2295



23.0747, -18.4502, 10.9872



18.3528, -11.0650, 0.9469



11.3437, -1.5374, 0.9950



28.6186, -23.0132, 13.9081



72.6520, -59.2511, 37.0975

Inverse Universe

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



10.3123, 18.9551, -3.3772



13.3051, 24.3876, -3.8230



9.7319, 16.8430, 4.9152



10.8857, 0.3815, 0.2200



16.4795, 30.1484, -4.2866



41.6817, 75.8621, -7.8011

Previews

White Background



This preview shows how the HunterLab color 17.8490, -14.1469, 8.2294 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

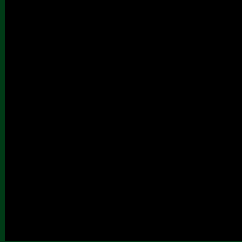
Any Text WCAG AA × Fail

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 17.8490, -14.1469, 8.2294 Background



This preview shows how black text looks on a background with the HunterLab color 17.8490, -14.1469, 8.2294.



This preview shows how white text looks on a background with the HunterLab color 17.8490,

-14.1469, 8.2294.

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

17.8490, -14.1469, 8.2294

Protanopia

18.0525, -2.5118, 8.9062

Deuteranopia

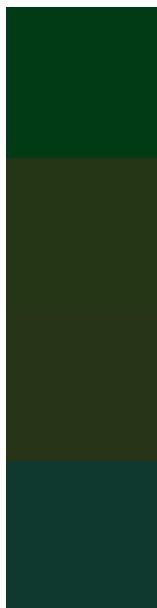
17.9115, 0.7345, 8.0055



Tritanopia

18.0356, -6.2406, -3.0493

Trichromacy



Original Color

17.8490, -14.1469, 8.2294

Protanomaly

17.5144, -8.4113, 8.2433

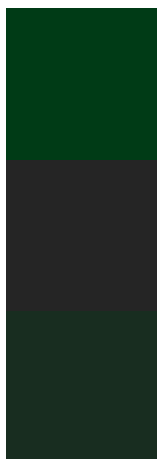
Deuteranomaly

17.1851, -6.9156, 7.4869

Tritanomaly

17.6838, -9.7057, 2.0606

Monochromacy



Original Color

17.8490, -14.1469, 8.2294

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

14.7487, -6.7389, 3.4768

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.8490, -14.1469, 8.2294 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, 59, 22)` looks like.

```
.text, #text, p{  
    color:rgb(0, 59, 22)  
}
```

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, 59, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 59, 22) }
```

Border

The CSS property to change the border of an element to HunterLab 17.8490, -14.1469, 8.2294 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, 59, 22) }
```


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

```
.border{ border-color:rgb(0, 59, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 59, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 59, 22); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 59, 22); box-shadow:4px  
4px 4px 4px rgb(0, 59, 22) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.8490, -14.1469, 8.2294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 59, 22) }
```

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

```
.background{ background-color: rgb(0, 59,  
22) }
```

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