

Converting Colors

HunterLab(17.6411, -14.7225,
9.7318)

Have a look what the booklet for
HunterLab(17.6411, -14.7225,
9.7318) contains.

HunterLab(17.7416, -14.8166, 9.8092)	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(17.7416,
-14.8166, 9.8092)**

Conversions

Conversions Part 1

Format	Color
Hex	003B09
RGB	0, 59, 9
RGB Percent	0%, 23%, 4%
CMY	1.0000, 0.7686, 0.9647
CMYK	1.00, 0.00, 0.85, 0.77
HSL	129°, 100%, 12%
HSV	129°, 100%, 23%
XYZ	1.6133, 3.1476, 0.7810
YIQ	35.6590, -19.1140, -28.0580

Conversions

Conversions Part 2

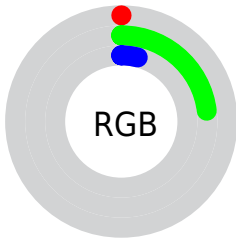
Format	Color
RYB	0, 51, 59
Decimal	15113
CIELab	20.63, -29.37, 24.39
CIELCh	21, 38.180, 140.294
Yxy	3.1478, 0.2911, 0.5680
Android (android.graphics.Color)	4278205193 (0xFF003B09)
YUV	35.6590, -13.1429, -31.2729
Hunter-Lab	17.7416, -14.8166, 9.8092

Details

The HunterLab color **17.7416, -14.8166, 9.8092** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **10.7709, 20.5835, -9.6131**, and the grayscale version is **13.2189, -0.7053, 0.7182**.

A 20% lighter version of the original color is **34.0499, -20.2748, 14.5494**, and **2.9467, -2.5268, 1.7715** is the 20% darker color. If you saturate the color by 10%, you get **17.7420, -14.8168, 9.8093**, and if you desaturate by 10%, it is **17.8825, -14.1540, 9.3936**.

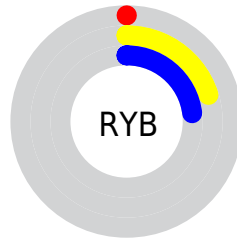
Distribution



Red (0%)

Green (23%)

Blue (4%)



Red (0%)

Yellow (20%)

Blue (23%)

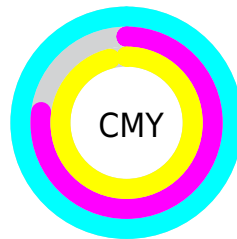


Cyan (100%)

Magenta (0%)

Yellow (85%)

Black (77%)



Cyan (100%)

Magenta (77%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.7416, -14.8166, 9.8092 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 17.7416, -14.8166, 9.8092 by changing the saturation by 10% instead.

■ 17.7416, -14.8166,
9.8092

■ 17.7416, -14.8166,
9.8092

■ 114.0509,
-35.6803, 28.2309

■ 10.9971, -12.7347,
7.6980

■ 34.1067, -20.2993,
14.5793

■ 2.6331, -4.6079,
1.8432

■ 43.5293, -22.7467,
16.7377

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.6883, -25.0720,
18.7929

0.0000, NaN, NaN

■ 64.5338, -27.3062,
20.7716

0.0000, NaN, NaN

■ 76.0249, -29.4706,
22.6928


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 88.1271, -31.5806,


24.5700


0.0000, NaN, NaN


 100.8109,
-33.6476, 26.4134


 17.7416, -14.8166,
9.8092


 17.7416, -14.8166,
9.8092


 17.7420, -14.8168,
9.8093

 17.8825, -14.1540,
9.3936

 18.0328, -13.4386,
8.8505

 18.2201, -12.5580,
8.1950

 18.4556, -11.4731,
7.4368

 18.7406, -10.1868,
6.5813

■ 19.0759, -8.7070,
5.6358

■ 19.4616, -7.0449,
4.6089

■ 19.8971, -5.2150,
3.5102

■ 20.3814, -3.2330,
2.3493

Harmonies

Analogous

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



17.7420, -7.9046, 12.4194



17.7416, -14.8166, 9.8092



17.7420, -17.7501, 4.1232

Triad

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



17.7420, -14.8168, 9.8093



17.7420, -4.4813, -34.1389



17.7420, 24.5328, 6.7658

Complementary

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



17.7416, -14.8166, 9.8092



10.7709, 20.5835, -9.6131

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.



17.7420, 26.1176, -2.9057



17.7416, -14.8166, 9.8092



17.7420, 7.2801, -31.6570

Square

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



17.7420, -14.8168, 9.8093



17.7420, -12.8547, -23.6036



17.7420, 19.1735, -18.0921



17.7420, 15.2704, 10.9733

Rectangle

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



17.7416, -14.8166, 9.8092



17.7420, -17.7275, -3.1623



17.7420, 19.1735, -18.0921



17.7420, 26.0578, 4.2916

Sweetspot

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



17.7420, -14.8168, 9.8093



25.1114, -9.4263, 6.1531



19.5192, -7.7587, 11.8918



12.9599, -5.0178, 3.2697



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.



17.7420, -14.8168, 9.8093



22.9430, -19.2729, 12.9280



18.0839, -12.6994, 4.8111



11.3293, -1.6175, 1.2011



28.4615, -23.9945, 16.2227



72.3032, -61.4341, 42.2458

Inverse Universe

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



10.7709, 20.5835, -9.6131



13.9166, 26.5607, -12.1549



9.9131, 17.5097, 2.2726



10.9014, 0.4662, -0.0034



17.2533, 32.8997, -14.8433



43.7457, 83.2156, -36.0714

Previews

White Background



This preview shows how the HunterLab color 17.7416, -14.8166, 9.8092 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

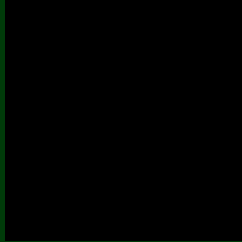
Any Text WCAG AA × Fail

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 17.7416, -14.8166, 9.8092 Background



This preview shows how black text looks on a background with the HunterLab color 17.7416, -14.8166, 9.8092.



This preview shows how white text looks on a background with the HunterLab color 17.7416,

-14.8166, 9.8092.

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

17.7416, -14.8166, 9.8092

Protanopia

18.0296, -2.8006, 10.4941

Deuteranopia

17.9029, 0.5062, 9.5439



Tritanopia

18.0411, -6.2777, -2.5910

Trichromacy



Original Color

17.7416, -14.8166, 9.8092

Protanomaly

17.4033, -9.0698, 9.8802

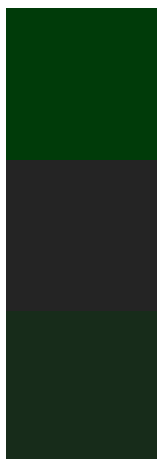
Deuteranomaly

17.1352, -7.3220, 9.1129

Tritanomaly

17.6028, -10.2392, 3.6016

Monochromacy



Original Color

17.7416, -14.8166, 9.8092

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

14.3461, -7.1826, 4.6753

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.7416, -14.8166, 9.8092 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, 9)` looks like.

```
.text, #text, p{  
    color:rgb(0, 59, 9)  
}
```

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, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 59, 9) }
```

Border

The CSS property to change the border of an element to HunterLab 17.7416, -14.8166, 9.8092 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, 9) }
```


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

```
.border{ border-color:rgb(0, 59, 9) }
```

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, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 59, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 59, 9); box-shadow:4px  
4px 4px 4px rgb(0, 59, 9) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.7416, -14.8166, 9.8092 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, 9) }
```

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

```
.background{ background-color: rgb(0, 59,  
9) }
```

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