

Converting Colors

HunterLab(15.0405, -2.8685,
8.9059)

Have a look what the booklet for
HunterLab(15.0405, -2.8685, 8.9059)
contains.

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Color

**HunterLab(14.9778, -2.7201,
8.8406)**

Conversions

Conversions Part 1

Format	Color
Hex	2E2A03
RGB	46, 42, 3
RGB Percent	18%, 16%, 1%
CMY	0.8196, 0.8353, 0.9882
CMYK	0.00, 0.09, 0.93, 0.82
HSL	54°, 88%, 10%
HSV	54°, 93%, 18%
XYZ	1.9711, 2.2433, 0.4153
YIQ	38.7500, 14.9030, -11.2810

Conversions

Conversions Part 2

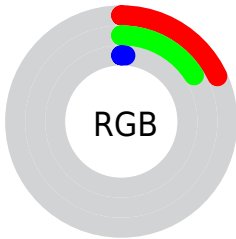
Format	Color
R_{YB}	7, 46, 3
Decimal	3025411
CIE Lab	16.72, -3.65, 22.88
CIE LCh	17, 23.169, 99.055
Yxy	2.2435, 0.4257, 0.4846
Android (android.graphics.Color)	4281215491 (0xFF2E2A03)
YUV	38.7500, -17.6247, 6.3582
Hunter-Lab	14.9778, -2.7201, 8.8406

Details

The HunterLab color **14.9778, -2.7201, 8.8406** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **6.0710, 7.2135, -21.3759**, and the grayscale version is **14.2151, -0.7585, 0.7723**.

A 20% lighter version of the original color is **30.6028, -4.1115, 13.1557**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **14.8901, -2.7430, 9.1272**, and if you desaturate by 10%, it is **15.1130, -2.6885, 8.4092**.

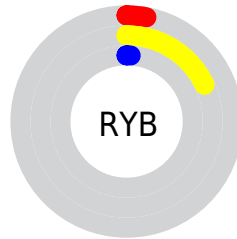
Distribution



Red (18%)

Green (16%)

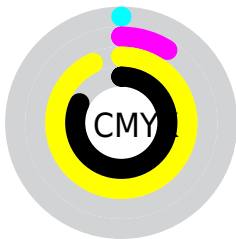
Blue (1%)



Red (3%)

Yellow (18%)

Blue (1%)

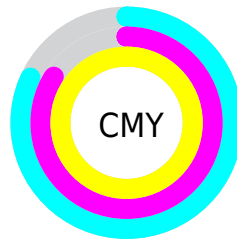


Cyan (0%)

Magenta (9%)

Yellow (93%)

Black (82%)



Cyan (82%)

Magenta (84%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.9778, -2.7201, 8.8406 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 14.9778, -2.7201, 8.8406 by changing the saturation by 10% instead.

■ 14.9778, -2.7201,
8.8406

■ 14.9778, -2.7201,
8.8406

■ 108.8093, -9.6030,
26.3361

■ 8.6228, -2.3032,
6.0360

■ 30.6358, -4.0985,
13.1594

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 39.7542, -4.8159,
15.2513

0.0000, NaN, NaN

■ 49.6318, -5.5556,
17.2372

0.0000, NaN, NaN

■ 60.2143, -6.3185,
19.1462

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 71.4573, -7.1048,
20.9981


0.0000, NaN, NaN


■ 83.3243, -7.9145,


0.0000, NaN, NaN


22.8072


 95.7840, -8.7474,
24.5839


 14.9778, -2.7201,
8.8406


 14.9778, -2.7201,
8.8406


 14.8901, -2.7430,
9.1272

 15.1130, -2.6885,
8.4092

 15.2488, -2.6533,
7.9722

 15.3923, -2.5764,
7.4281

 15.5451, -2.4492,
6.7550

 15.7075, -2.2704,
5.9500

■ 15.8797, -2.0393,
5.0115

■ 16.0619, -1.7553,
3.9389

■ 16.2540, -1.4186,
2.7327

■ 16.4563, -1.0294,
1.3940

Harmonies

Analogous

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



14.9782, 3.9457, 8.4969



14.9778, -2.7201, 8.8406



14.9782, -7.9031, 7.4878

Triad

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



14.9782, -2.7207, 8.8407



14.9782, -9.3384, -8.8024



14.9782, 12.7846, -4.1002

Complementary

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



14.9778, -2.7201, 8.8406



6.0710, 7.2135, -21.3759

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.



14.9782, 7.9370, -11.7025



14.9778, -2.7201, 8.8406



14.9782, -5.0198, -15.1271

Square

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



14.9782, -2.7207, 8.8407



14.9782, -11.2710, -1.1837



14.9782, 1.2226, -16.3697



14.9782, 13.6850, 2.5718

Rectangle

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



14.9778, -2.7201, 8.8406



14.9782, -10.0999, 5.7393



14.9782, 1.2226, -16.3697



14.9782, 11.5275, -6.6970

Sweetspot

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



14.9782, -2.7207, 8.8407



20.0658, -2.4308, 5.7861



8.1363, 12.0724, 3.6971



11.1642, -1.3720, 3.2918



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



14.9782, -2.7207, 8.8407



18.6636, -3.3471, 11.4418



14.8959, -8.1589, 8.6929



9.1478, -0.6798, 1.1346



27.4804, -4.7493, 16.8501



72.8255, -11.8901, 44.6665

Inverse Universe

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



6.0710, 7.2135, -21.3759



6.5615, 11.3568, -32.7173



6.4284, 11.4726, -19.6777



8.6536, -0.2530, -0.2080



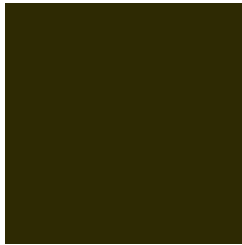
9.2641, 18.3847, -51.2665



23.1575, 55.1463, -147.9899

Previews

White Background



This preview shows how the HunterLab color 14.9778, -2.7201, 8.8406 looks on a white background.

Color Contrast Check

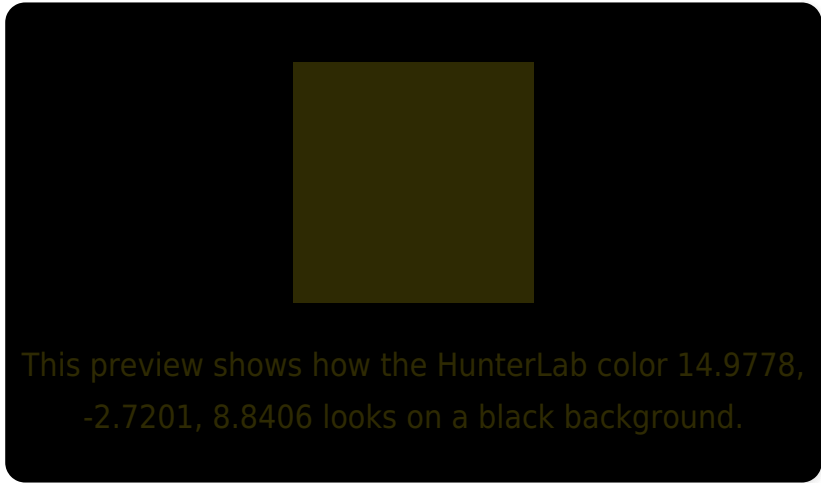
Large Text (above 18pt) WCAG AA ✓ Pass

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

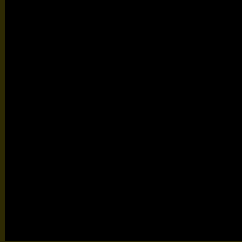
Any Text WCAG AA × Fail

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 14.9778, -2.7201, 8.8406 Background



This preview shows how black text looks on a background with the HunterLab color 14.9778, -2.7201, 8.8406.

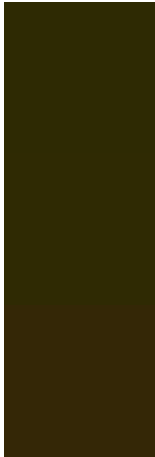


This preview shows how white text looks on a background with the HunterLab color 14.9778, -2.7201, 8.8406.

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

14.9778, -2.7201, 8.8406

Protanopia

15.0560, -2.4388, 8.8955

Deuteranopia

14.8130, 0.2812, 8.4430



Tritanopia

14.9886, 1.9034, 0.6044

Trichromacy



Original Color

14.9778, -2.7201, 8.8406

Protanomaly

15.0560, -2.4388, 8.8955

Deuteranomaly

14.8548, -0.7427, 8.5674

Tritanomaly

14.8518, -0.2624, 4.7613

Monochromacy



Original Color

14.9778, -2.7201, 8.8406

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.4375, -1.7735, 4.8519

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.9778, -2.7201, 8.8406 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(46, 42, 3)` looks like.

```
.text, #text, p{  
    color:rgb(46, 42, 3)  
}
```

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(46, 42, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 42, 3) }
```

Border

The CSS property to change the border of an element to HunterLab 14.9778, -2.7201, 8.8406 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(46, 42, 3) }
```


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

```
.border{ border-color:rgb(46, 42, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 42, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 42, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(46, 42, 3); box-shadow:4px  
4px 4px 4px rgb(46, 42, 3) }
```

Background

The CSS property to change the background color of an element to HunterLab 14.9778, -2.7201, 8.8406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 42, 3) }
```

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

```
.background{ background-color: rgb(46, 42,  
3) }
```

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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