

Converting Colors

HunterLab(2.7461, 66.7540,
1.9222)

Have a look what the booklet for
HunterLab(2.7461, 66.7540, 1.9222)
contains.

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Color

**HunterLab(8.5700, 14.7275,
5.1413)**

Conversions

Conversions Part 1

Format	Color
Hex	340002
RGB	52, 0, 2
RGB Percent	20%, 0%, 1%
CMY	0.7961, 1.0000, 0.9922
CMYK	0.00, 1.00, 0.96, 0.80
HSL	358°, 100%, 10%
HSV	358°, 100%, 20%
XYZ	1.4271, 0.7344, 0.1240
YIQ	15.7760, 30.3500, 11.6460

Conversions

Conversions Part 2

Format	Color
R _Y B	52, 0, 2
Decimal	3407874
CIE Lab	6.63, 25.79, 9.67
CIE LCh	7, 27.541, 20.546
Yxy	0.7345, 0.6244, 0.3214
Android (android.graphics.Color)	4281597954 (0xFF340002)
YUV	15.7760, -6.7916, 31.7684
Hunter-Lab	8.5700, 14.7275, 5.1413

Details

The HunterLab color **8.5700, 14.7275, 5.1413** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **16.3899, -9.0376, -0.9759**, and the grayscale version is **7.1469, -0.3813, 0.3883**.

A 20% lighter version of the original color is **22.3618, 16.8299, 6.3697**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **8.5699, 14.7274, 5.1417**, and if you desaturate by 10%, it is **9.2646, 12.8987, 4.6482**.

Distribution



Red (20%)

Green (0%)

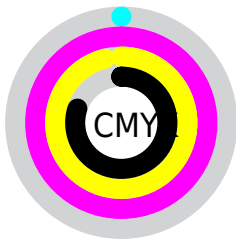
Blue (1%)



Red (20%)

Yellow (0%)

Blue (1%)



Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (80%)



Cyan (80%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 8.5700, 14.7275, 5.1413 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 8.5700, 14.7275, 5.1413 by changing the saturation by 10% instead.

8.5700, 14.7275,
5.1413

8.5700, 14.7275,
5.1413

95.6800, 22.1565,
13.9796

0.0000, INF, NaN

0.0000, NaN, NaN

22.2821, 17.0632,
6.1738

0.0000, NaN, NaN

30.5647, 18.1374,
7.3208

0.0000, NaN, NaN

39.6766, 19.0726,
8.4402

0.0000, NaN, NaN

0.0000, NaN, NaN

49.5483, 19.8851,
9.5465

0.0000, NaN, NaN


60.1252, 20.5889,
10.6487


0.0000, NaN, NaN


0.0000, NaN, NaN


71.3630, 21.1959,


11.7526


 83.2250, 21.7158,
12.8621

 8.5700, 14.7275,
5.1413


 8.5700, 14.7275,
5.1413


 8.5699, 14.7274,
5.1417

 9.2646, 12.8987,
4.6482

 9.9119, 11.3861,
4.2263

 10.6275, 9.9013,
3.7633

 11.4764, 8.3099,
3.2955

 12.4422, 6.6813,
2.8424

■ 13.5090, 5.0612,
2.4149

■ 14.6625, 3.4758,
2.0178

■ 15.8906, 1.9372,
1.6520

■ 17.1830, 0.4492,
1.3158

Harmonies

Analogous

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



8.5703, 15.7335, -1.7775



8.5700, 14.7275, 5.1413



8.5703, 9.1285, 5.9992

Triad

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



8.5703, 14.7264, 5.1415



8.5703, -11.2699, 5.9992



8.5703, -2.7579, -21.3078

Complementary

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



8.5700, 14.7275, 5.1413



16.3899, -9.0376, -0.9759

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.



8.5703, -9.3561, -14.6357



8.5700, 14.7275, 5.1413



8.5703, -14.2705, 2.6545

Square

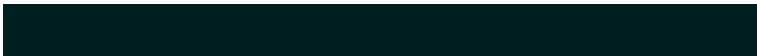
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



8.5703, 14.7264, 5.1415



8.5703, -5.3722, 5.9992



8.5703, -13.5700, -4.8701



8.5703, 4.5277, -19.6380

Rectangle

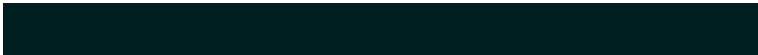
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



8.5700, 14.7275, 5.1413



8.5703, 4.2596, 5.9992



8.5703, -13.5700, -4.8701



8.5703, -5.1215, -19.8515

Sweetspot

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



8.5703, 14.7264, 5.1415



19.0034, 4.9054, 2.7338



9.5443, 18.9411, -13.9689



10.1966, 2.7886, 1.5134



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



8.5703, 14.7264, 5.1415



11.2496, 19.3167, 6.8698



11.6573, 6.0994, 7.2896



9.4125, 0.1006, 0.6797



14.6416, 25.1254, 9.0632



38.3819, 65.7777, 24.4329

Inverse Universe

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



8.5703, 14.7264, 5.1415



11.2496, 19.3167, 6.8698



10.5226, -0.6111, -11.8322



9.4125, 0.1006, 0.6797



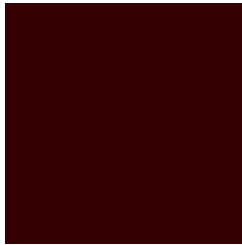
14.6416, 25.1254, 9.0632



38.3819, 65.7777, 24.4329

Previews

White Background



This preview shows how the HunterLab color 8.5700, 14.7275, 5.1413 looks on a white background.

Color Contrast Check

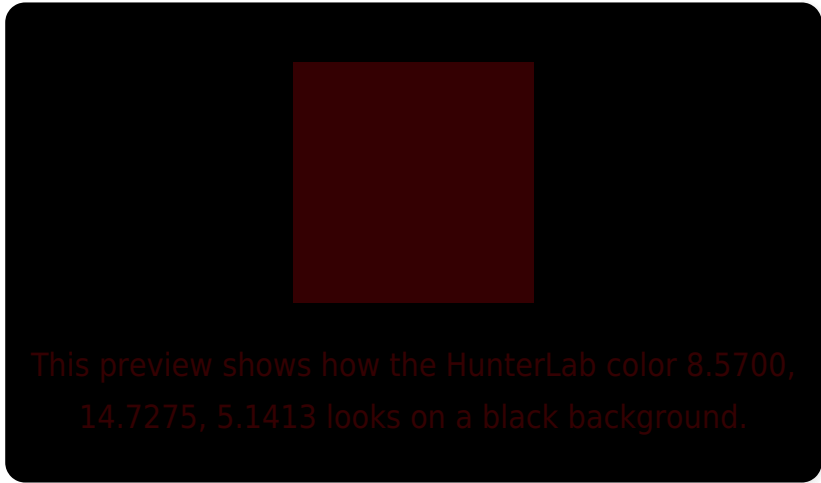
Large Text (above 18pt) WCAG AA ✓ Pass

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

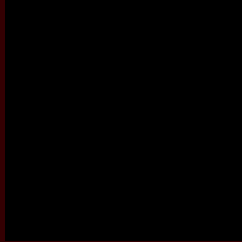
Any Text WCAG AA × Fail

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 8.5700, 14.7275, 5.1413 Background



This preview shows how black text looks on a background with the HunterLab color 8.5700, 14.7275, 5.1413.

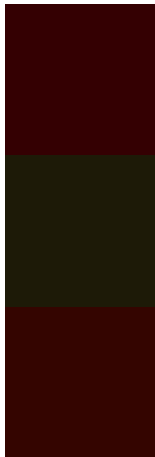


This preview shows how white text looks on a background with the HunterLab color 8.5700, 14.7275,

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

8.5700, 14.7275, 5.1413

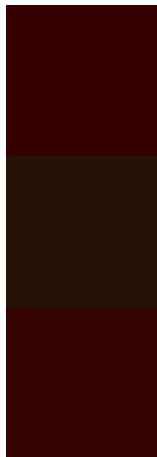
Protanopia

10.0764, -1.4347, 5.0012

Tritanopia

9.1575, 12.6364, 5.8641

Trichromacy



Original Color

8.5700, 14.7275, 5.1413

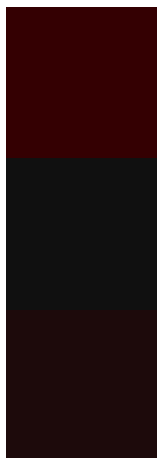
Protanomaly

8.9731, 4.0066, 4.6506

Tritanomaly

8.9296, 13.4424, 5.5471

Monochromacy



Original Color

8.5700, 14.7275, 5.1413

Achromatopsia

7.1983, -0.3841, 0.3911

Achromatomaly

7.0884, 4.6093, 1.8003

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 8.5700, 14.7275, 5.1413 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(52, 0, 2)` looks like.

```
.text, #text, p{  
    color:rgb(52, 0, 2)  
}
```

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(52, 0, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 0, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 8.5700, 14.7275, 5.1413 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(52, 0, 2) }
```

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

```
.border{ border-color:rgb(52, 0, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 0, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 0, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(52, 0, 2); box-shadow:4px  
4px 4px 4px rgb(52, 0, 2) }
```


Background

The CSS property to change the background color of an element to HunterLab 8.5700, 14.7275, 5.1413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 0, 2) }
```

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

```
.background{ background-color: rgb(52, 0,  
2) }
```

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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