

Converting Colors

HunterLab(13.2356, -0.3664,
9.2649)

Have a look what the booklet for
HunterLab(13.2356, -0.3664, 9.2649)
contains.

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Color

**HunterLab(13.3525, -0.2701,
8.2231)**

Conversions

Conversions Part 1

Format	Color
Hex	2E2300
RGB	46, 35, 0
RGB Percent	18%, 14%, 0%
CMY	0.8196, 0.8627, 1.0000
CMYK	0.00, 0.24, 1.00, 0.82
HSL	46°, 100%, 9%
HSV	46°, 100%, 18%
XYZ	1.7277, 1.7829, 0.2531
YIQ	34.2990, 17.7910, -8.5530

Conversions

Conversions Part 2

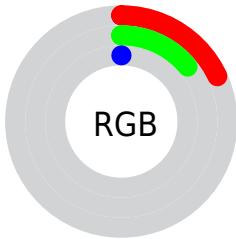
Format	Color
R_{YB}	14, 46, 0
Decimal	3023616
CIE Lab	14.30, 0.84, 21.04
CIE LCh	14, 21.060, 87.701
Yxy	1.7830, 0.4590, 0.4737
Android (android.graphics.Color)	4281213696 (0xFF2E2300)
YUV	34.2990, -16.9094, 10.2618
Hunter-Lab	13.3525, -0.2701, 8.2231

Details

The HunterLab color **13.3525, -0.2701, 8.2231** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **6.6073, 4.9922, -19.0352**, and the grayscale version is **12.7902, -0.6825, 0.6949**.

A 20% lighter version of the original color is **28.5033, -0.8879, 11.9539**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **13.3528, -0.2707, 8.2232**, and if you desaturate by 10%, it is **13.6338, -0.4781, 7.8183**.

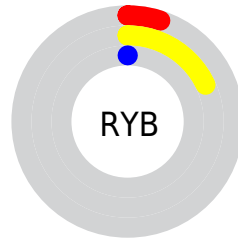
Distribution



Red (18%)

Green (14%)

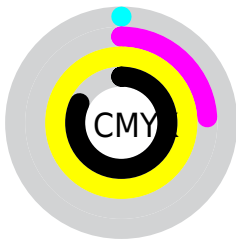
Blue (0%)



Red (5%)

Yellow (18%)

Blue (0%)

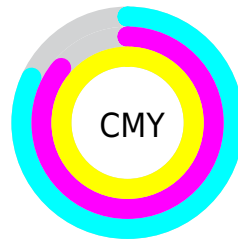


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (82%)



Cyan (82%)

Magenta (86%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.3525, -0.2701, 8.2231 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 13.3525, -0.2701, 8.2231 by changing the saturation by 10% instead.

■ 13.3525, -0.2701,
8.2231

■ 13.3525, -0.2701,
8.2231

■ 105.6175, -4.7638,
24.4665

■ 6.9031, 0.1647,
4.8322

■ 28.5577, -0.9567,
11.9809

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.4833, -1.3798,
13.9595

0.0000, NaN, NaN

■ 47.1832, -1.8486,
15.8373

0.0000, NaN, NaN

■ 57.6000, -2.3591,
17.6434

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.6874, -2.9081,
19.3973

0.0000, NaN, NaN

■ 80.4069, -3.4932,

0.0000, NaN, NaN

21.1129

■ 92.7263, -4.1124,
22.8002

■ 13.3525, -0.2701,
8.2231

■ 13.3525, -0.2701,
8.2231

■ 13.3528, -0.2707,
8.2232

■ 13.6338, -0.4781,
7.8183

■ 13.9165, -0.6896,
7.4376

■ 14.2040, -0.8872,
7.0323

■ 14.5028, -1.0358,
6.5082

■ 14.8130, -1.1339,
5.8633

■ 15.1344, -1.1816,
5.0989

■ 15.4669, -1.1793,
4.2169

■ 15.8103, -1.1279,
3.2205

■ 16.1644, -1.0283,
2.1129

Harmonies

Analogous

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



13.3528, 5.6607, 7.2169



13.3525, -0.2701, 8.2231



13.3528, -5.4345, 7.4792

Triad

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



13.3528, -0.2707, 8.2232



13.3528, -9.0958, -5.0831



13.3528, 9.8683, -6.1286

Complementary

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



13.3525, -0.2701, 8.2231



6.6073, 4.9922, -19.0352

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.



13.3528, 4.7716, -12.1873



13.3525, -0.2701, 8.2231



13.3528, -6.0783, -11.4264

Square

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



13.3528, -0.2707, 8.2232



13.3528, -9.9927, 1.1383



13.3528, -1.1500, -14.4459



13.3528, 12.0939, 0.3018

Rectangle

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



13.3525, -0.2701, 8.2231



13.3528, -7.8896, 6.0907



13.3528, -1.1500, -14.4459



13.3528, 8.3962, -8.3632

Sweetspot

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



13.3528, -0.2707, 8.2232



19.3892, -1.4881, 5.4912



7.7857, 13.6586, 2.5084



10.7846, -0.8296, 3.0983



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.



13.3528, -0.2707, 8.2232



16.6361, -0.0660, 10.2499



15.1743, -7.1072, 9.2259



9.0759, -0.5614, 1.0568



24.2998, 0.4406, 14.9812



63.6520, 3.2625, 39.2792

Inverse Universe

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



6.6073, 4.9922, -19.0352



7.9173, 7.2860, -25.6242



5.2140, 12.7121, -25.9561



8.7247, -0.3722, -0.1212



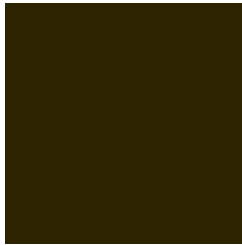
10.9985, 12.7457, -41.2614



26.9289, 41.4080, -123.0468

Previews

White Background



This preview shows how the HunterLab color 13.3525, -0.2701, 8.2231 looks on a white background.

Color Contrast Check

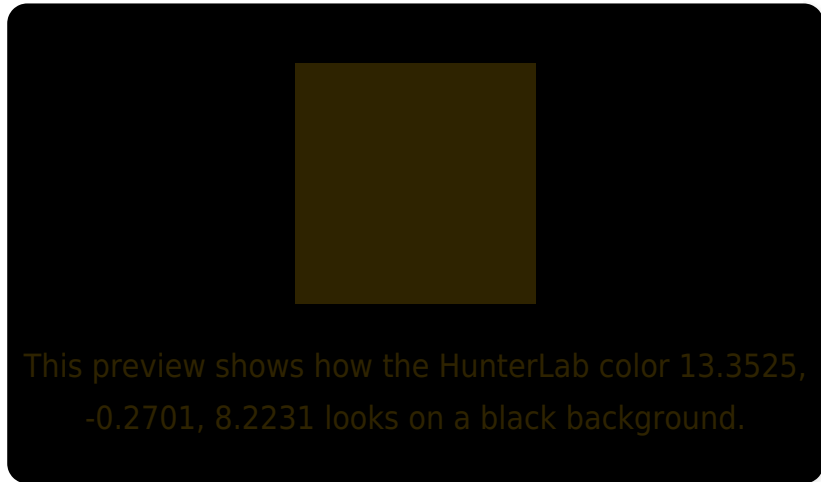
Large Text (above 18pt) WCAG AA ✓ Pass

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

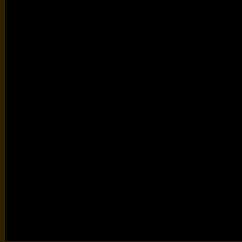
Any Text WCAG AA × Fail

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 13.3525, -0.2701, 8.2231 Background



This preview shows how black text looks on a background with the HunterLab color 13.3525, -0.2701, 8.2231.

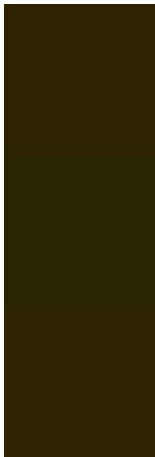


This preview shows how white text looks on a background with the HunterLab color 13.3525, -0.2701, 8.2231.

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

13.3525, -0.2701, 8.2231

Protanopia

13.4124, -2.3514, 7.9696

Deuteranopia

13.3690, -0.1808, 7.9800



Tritanopia

13.5552, 3.4862, 1.4586

Trichromacy



Original Color

13.3525, -0.2701, 8.2231

Protanomaly

13.3324, -1.4736, 8.0619

Deuteranomaly

13.3608, -0.2254, 8.1015

Tritanomaly

13.4399, 1.5703, 4.9606

Monochromacy



Original Color

13.3525, -0.2701, 8.2231

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.7045, -0.9305, 4.2698

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.3525, -0.2701, 8.2231 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, 35, 0)` looks like.

```
.text, #text, p{  
    color:rgb(46, 35, 0)  
}
```

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, 35, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 35, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 13.3525, -0.2701, 8.2231 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, 35, 0) }
```


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

```
.border{ border-color:rgb(46, 35, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 35, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 35, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(46, 35, 0); box-shadow:4px  
4px 4px 4px rgb(46, 35, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.3525, -0.2701, 8.2231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 35, 0) }
```

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

```
.background{ background-color: rgb(46, 35,  
0) }
```

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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