

Converting Colors

HunterLab(13.0510, -1.6565,
1.4762)

Have a look what the booklet for
HunterLab(13.0510, -1.6565, 1.4762)
contains.

HunterLab(13.0830, -1.5417, 1.5141)	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(13.0830, -1.5417,
1.5141)**

Conversions

Conversions Part 1

Format	Color
Hex	222421
RGB	34, 36, 33
RGB Percent	13%, 14%, 13%
CMY	0.8667, 0.8588, 0.8706
CMYK	0.06, 0.00, 0.08, 0.86
HSL	100°, 4%, 14%
HSV	100°, 8%, 14%
XYZ	1.5651, 1.7116, 1.6867
YIQ	35.0600, -0.2290, -1.3570

Conversions

Conversions Part 2

Format	Color
R_{YB}	33, 36, 35
Decimal	2237473
CIE _{Lab}	13.90, -1.65, 1.69
CIE _{LCh}	14, 2.361, 134.426
Yxy	1.7117, 0.3153, 0.3449
Android (android.graphics.Color)	4280427553 (0xFF222421)
YUV	35.0600, -1.0156, -0.9296
Hunter-Lab	13.0830, -1.5417, 1.5141

Details

The HunterLab color **13.0830, -1.5417, 1.5141** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12.5398, 0.1974, -0.1617**, and the grayscale version is **12.9868, -0.6929, 0.7056**.

A 20% lighter version of the original color is **28.0942, -2.4651, 2.4509**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.8579, -2.4965, 2.3988**, and if you desaturate by 10%, it is **13.3237, -0.5384, 0.5576**.

Distribution



Red (13%)

Green (14%)

Blue (13%)



Red (13%)

Yellow (14%)

Blue (14%)

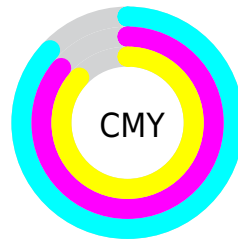


Cyan (6%)

Magenta (0%)

Yellow (8%)

Black (86%)



Cyan (87%)

Magenta (86%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.0830, -1.5417, 1.5141 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 13.0830, -1.5417, 1.5141 by changing the saturation by 10% instead.

■ 13.0830, -1.5417,
1.5141

■ 13.0830, -1.5417,
1.5141

105.0790, -7.3174,
7.3663

■ 6.5668, -1.4475,
1.4219

■ 28.2099, -2.6017,
2.5856

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.1024, -3.1829,
3.1739

0.0000, NaN, NaN

■ 46.7719, -3.7970,
3.7958

0.0000, NaN, NaN

■ 57.1603, -4.4426,
4.4500

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.2210, -5.1186,
5.1353

0.0000, NaN, NaN

■ 79.9154, -5.8237,

0.0000, NaN, NaN

5.8505

■ 92.2107, -6.5570,
6.5945

■ 13.0830, -1.5417,
1.5141

■ 13.0830, -1.5417,
1.5141

■ 12.8579, -2.4965,
2.3988

■ 13.3237, -0.5384,
0.5576

■ 12.6477, -3.3981,
3.2074

■ 13.5788, 0.5103,
-0.4675

■ 12.4532, -4.2430,
3.9371

■ 13.8482, 1.6002,
-1.5569

■ 12.2744, -5.0278,
4.5853

■ 14.1315, 2.7276,
-2.7065

■ 12.1115, -5.7495,
5.1501

■ 14.4282, 3.8889,
-3.9121

■ 11.9645, -6.4054,
5.6305

■ 14.7378, 5.0805,
-5.1696

■ 11.8319, -7.0014,
6.0459

■ 15.0599, 6.2992,
-6.4752

■ 11.7086, -7.5670,
6.4717

■ 15.3942, 7.5421,
-7.8250

■ 11.5940, -8.1043,
6.9143

■ 15.7400, 8.8063,
-9.2155

Harmonies

Analogous

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



13.0833, -1.0014, 1.7872



13.0830, -1.5417, 1.5141



13.0833, -1.8536, 1.0200

Triad

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



13.0833, -1.5420, 1.5143



13.0833, -1.0248, -0.4560



13.0833, 0.5040, 0.9980

Complementary

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



13.0830, -1.5417, 1.5141



12.5398, 0.1974, -0.1617

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.



13.0833, 0.4975, 0.3967



13.0830, -1.5417, 1.5141



13.0833, -0.3934, -0.4626

Square

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



13.0833, -1.5420, 1.5143



13.0833, -1.5589, -0.1267



13.0833, 0.1663, -0.1442



13.0833, 0.1841, 1.4989

Rectangle

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



13.0830, -1.5417, 1.5141



13.0833, -1.8933, 0.6223



13.0833, 0.1663, -0.1442



13.0833, 0.5401, 0.8014

Sweetspot

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



13.0833, -1.5420, 1.5143



16.3996, -1.2814, 1.2805



12.9885, -0.6976, 1.4231



9.1831, -0.7358, 0.7345



55.4075, -2.9564, 3.0104



9.2414, -0.4931, 0.5021

Same Dimension

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



13.0833, -1.5420, 1.5143



16.1821, -2.1942, 2.1423



13.0299, -1.7097, 1.2834



7.6252, -0.8662, 0.8519



24.9202, -18.9379, 15.0242



68.5135, -53.9078, 41.2739

Inverse Universe

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



12.5398, 0.1974, -0.1617



15.3218, 0.5592, -0.5112



12.5983, 0.3724, 0.1013



7.3296, 0.0797, -0.0594



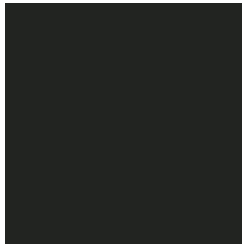
11.8259, 25.3521, -31.8918



31.8307, 68.9885, -91.6583

Previews

White Background



This preview shows how the HunterLab color 13.0830, -1.5417, 1.5141 looks on a white background.

Color Contrast Check

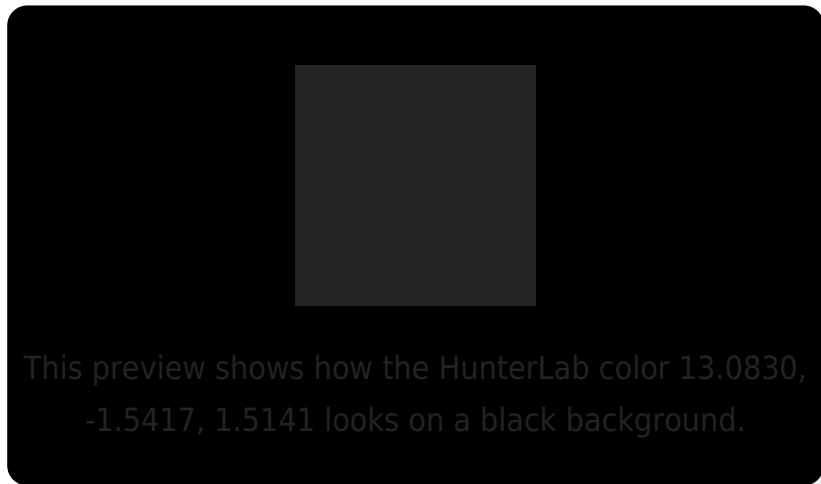
Large Text (above 18pt) WCAG AA ✓ Pass

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

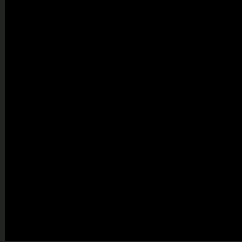
Any Text WCAG AA × Fail

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 13.0830, -1.5417, 1.5141 Background



This preview shows how black text looks on a background with the HunterLab color 13.0830, -1.5417, 1.5141.



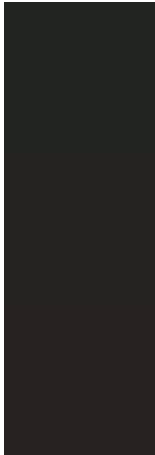
This preview shows how white text looks on a background with the HunterLab color 13.0830, -1.5417, 1.5141.

1.5141.

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

13.0830, -1.5417, 1.5141

Protanopia

13.0583, -0.4546, 1.5055

Deuteranopia

12.9815, 0.4275, 1.4350



Tritanopia

13.0358, -0.3011, -0.3128

Trichromacy



Original Color

13.0830, -1.5417, 1.5141

Protanomaly

12.9882, -0.6976, 1.4229

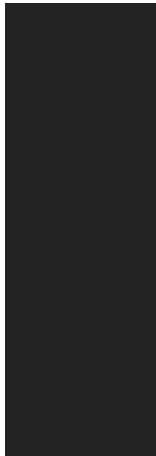
Deuteranomaly

13.0583, -0.4546, 1.5055

Tritanomaly

12.9875, -0.5647, 0.3735

Monochromacy



Original Color

13.0830, -1.5417, 1.5141

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.9417, -0.8157, 1.0271

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.0830, -1.5417, 1.5141 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(34, 36, 33)` looks like.

```
.text, #text, p{  
    color:rgb(34, 36, 33)  
}
```

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(34, 36, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 36, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 13.0830, -1.5417, 1.5141 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(34, 36, 33) }
```


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

```
.border{ border-color:rgb(34, 36, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 36, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 36, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 36, 33);  
box-shadow:4px 4px 4px 4px rgb(34, 36, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.0830, -1.5417, 1.5141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 36, 33) }
```

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

```
.background{ background-color: rgb(34, 36,  
33) }
```

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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