

Converting Colors

HunterLab(12.9563, 16.9113,
4.3305)

Have a look what the booklet for
HunterLab(12.9563, 16.9113,
4.3305) contains.

HunterLab(13.0130, 17.1071, 4.3808)	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(13.0130, 17.1071,
4.3808)**

Conversions

Conversions Part 1

Format	Color
Hex	470D18
RGB	71, 13, 24
RGB Percent	28%, 5%, 9%
CMY	0.7216, 0.9490, 0.9059
CMYK	0.00, 0.82, 0.66, 0.72
HSL	349°, 69%, 16%
HSV	349°, 82%, 28%
XYZ	2.9073, 1.6934, 1.0378
YIQ	31.5960, 31.0370, 15.7170

Conversions

Conversions Part 2

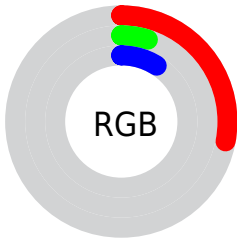
Format	Color
RYB	71, 13, 24
Decimal	4656408
CIELab	13.79, 27.97, 8.96
CIElCh	14, 29.370, 17.752
Yxy	1.6935, 0.5156, 0.3003
Android (android.graphics.Color)	4282846488 (0xFF470D18)
YUV	31.5960, -3.7448, 34.5573
Hunter-Lab	13.0130, 17.1071, 4.3808

Details

The HunterLab color **13.0130, 17.1071, 4.3808** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **22.1773, -12.7728, 2.0117**, and the grayscale version is **11.8969, -0.6348, 0.6464**.

A 20% lighter version of the original color is **28.0141, 19.7737, 6.3697**, and **1.3914, 2.3828, 0.8991** is the 20% darker color. If you saturate the color by 10%, you get **12.2973, 18.7427, 5.0953**, and if you desaturate by 10%, it is **13.9142, 15.1843, 3.6758**.

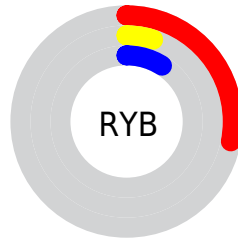
Distribution



 Red (28%)

 Green (5%)

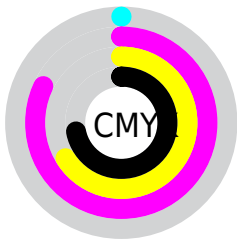
 Blue (9%)



 Red (28%)

 Yellow (5%)

 Blue (9%)

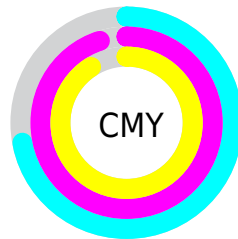


 Cyan (0%)

 Magenta (82%)

 Yellow (66%)

 Black (72%)



 Cyan (72%)

 Magenta (95%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.0130, 17.1071, 4.3808 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 13.0130, 17.1071, 4.3808 by changing the saturation by 10% instead.

■ 13.0130, 17.1071,
4.3808

■ 13.0130, 17.1071,
4.3808

■ 104.9390, 24.9261,
14.1477

■ 6.4763, 19.1212,
4.5334

■ 28.1196, 19.6896,
6.6398

0.0000, INF, NaN

0.0000, NaN, NaN

■ 37.0034, 20.7649,
7.7147

0.0000, NaN, NaN

■ 46.6649, 21.7106,
8.7781

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.0460, 22.5409,
9.8391

0.0000, NaN, NaN

■ 68.0997, 23.2681,
10.9033

0.0000, NaN, NaN

■ 79.7875, 23.9025,

0.0000, NaN, NaN

11.9746

■ 92.0766, 24.4528,
13.0555

■ 13.0130, 17.1071,
4.3808

■ 13.0130, 17.1071,
4.3808

■ 12.2973, 18.7427,
5.0953

■ 13.9142, 15.1843,
3.6758

■ 11.7041, 20.3021,
5.5585

■ 15.0240, 12.9877,
3.0529

■ 16.3187, 10.6462,
2.5328

■ 17.7733, 8.2548,
2.1196

■ 19.3645, 5.8733,
1.8076

■ 21.0725, 3.5341,
1.5865

■ 22.8805, 1.2515,
1.4446

■ 24.7749, -0.9708,
1.3704

■ 26.7445, -3.1353,
1.3539

Harmonies

Analogous

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



13.0134, 17.6670, -2.7349



13.0130, 17.1071, 4.3808



13.0134, 11.1382, 8.4620

Triad

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



13.0134, 17.1058, 4.3811



13.0134, -10.1185, 7.8267



13.0134, -3.7556, -22.7131

Complementary

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



13.0130, 17.1071, 4.3808



22.1773, -12.7728, 2.0117

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.



13.0134, -9.3951, -15.1138



13.0130, 17.1071, 4.3808



13.0134, -12.4828, 3.4099

Square

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



13.0134, 17.1058, 4.3811



13.0134, -4.9999, 9.1094



13.0134, -12.2384, -4.4968



13.0134, 4.2541, -21.8505

Rectangle

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



13.0130, 17.1071, 4.3808



13.0134, 5.5523, 9.1094



13.0134, -12.2384, -4.4968



13.0134, -5.9488, -20.9371

Sweetspot

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



13.0134, 17.1058, 4.3811



26.4321, 5.8909, 2.1728



12.9806, 20.0333, -18.8788



13.1848, 3.2151, 1.1206



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



13.0134, 17.1058, 4.3811



15.3347, 25.8974, 7.5389



15.2240, 10.2411, 8.0768



12.3226, 0.2937, 0.7433



16.5063, 28.5495, 8.4810



40.6170, 69.9878, 22.9128

Inverse Universe

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



13.0134, 17.1058, 4.3811



15.3347, 25.8974, 7.5389



17.7253, -4.7958, -9.1015



12.3226, 0.2937, 0.7433



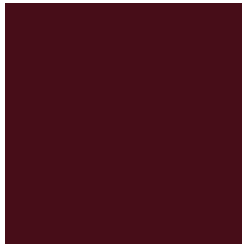
16.5063, 28.5495, 8.4810



40.6170, 69.9878, 22.9128

Previews

White Background



This preview shows how the HunterLab color 13.0130, 17.1071, 4.3808 looks on a white background.

Color Contrast Check

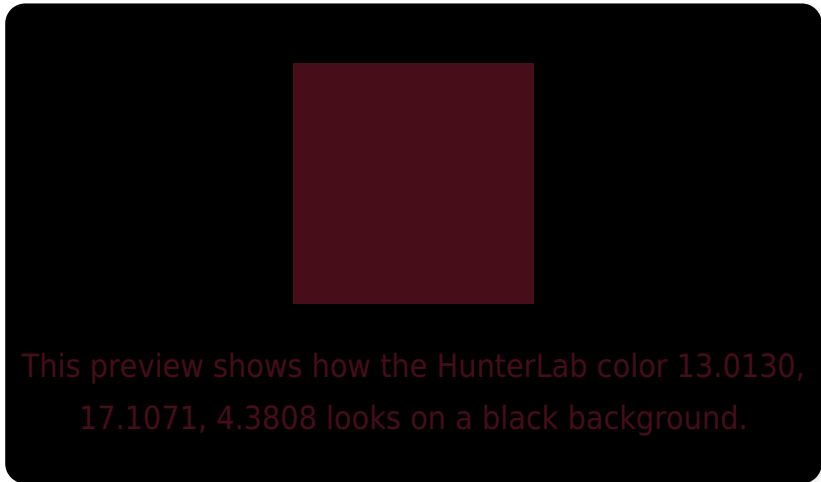
Large Text (above 18pt) WCAG AA ✓ Pass

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

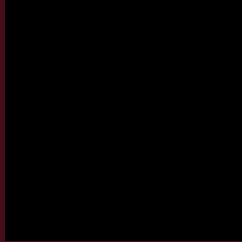
Any Text WCAG AA × Fail

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 13.0130, 17.1071, 4.3808 Background



This preview shows how black text looks on a background with the HunterLab color 13.0130, 17.1071, 4.3808.



This preview shows how white text looks on a background with the HunterLab color 13.0130, 17.1071,

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

13.0130, 17.1071, 4.3808

Protanopia

13.6747, -0.6043, 1.8541

Deuteranopia

13.7722, 0.4329, 5.4397



Tritanopia

13.0986, 15.9917, 6.3056

Trichromacy



Original Color

13.0130, 17.1071, 4.3808

Protanomaly

12.7595, 5.8575, 2.2573

Deuteranomaly

13.0409, 6.4100, 4.6970

Tritanomaly

13.0282, 16.4507, 5.7116

Monochromacy



Original Color

13.0130, 17.1071, 4.3808

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

11.6825, 5.4710, 1.3952

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.0130, 17.1071, 4.3808 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(71, 13, 24)` looks like.

```
.text, #text, p{  
    color:rgb(71, 13, 24)  
}
```

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(71, 13, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 13, 24) }
```

Border

The CSS property to change the border of an element to HunterLab 13.0130, 17.1071, 4.3808 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(71, 13, 24) }
```


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

```
.border{ border-color:rgb(71, 13, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 13, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 13, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 13, 24);  
box-shadow:4px 4px 4px 4px rgb(71, 13, 24)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.0130, 17.1071, 4.3808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 13, 24) }
```

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

```
.background{ background-color: rgb(71, 13,  
24) }
```

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