

Converting Colors

HunterLab(13.1734, 6.6751,
0.5081)

Have a look what the booklet for
HunterLab(13.1734, 6.6751, 0.5081)
contains.

HunterLab(13.1999, 6.5081, 0.3860)	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(13.1999, 6.5081,
0.3860)**

Conversions

Conversions Part 1

Format	Color
Hex	341D25
RGB	52, 29, 37
RGB Percent	20%, 11%, 15%
CMY	0.7961, 0.8863, 0.8549
CMYK	0.00, 0.44, 0.29, 0.80
HSL	339°, 28%, 16%
HSV	339°, 44%, 20%
XYZ	2.1895, 1.7424, 1.9712
YIQ	36.7890, 11.1400, 7.3640

Conversions

Conversions Part 2

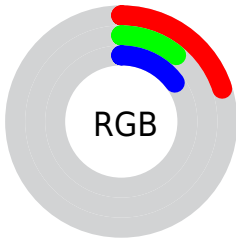
Format	Color
R_{YB}	52, 29, 37
Decimal	3415333
CIE _{Lab}	14.07, 12.64, -0.67
CIE _{LCh}	14, 12.660, 356.988
Yxy	1.7425, 0.3709, 0.2952
Android (android.graphics.Color)	4281605413 (0xFF341D25)
YUV	36.7890, 0.1040, 13.3400
Hunter-Lab	13.1999, 6.5081, 0.3860

Details

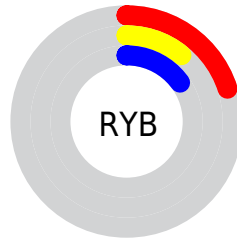
The HunterLab color **13.1999, 6.5081, 0.3860** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.0268, -6.8442, 2.0738**, and the grayscale version is **13.5316, -0.7220, 0.7352**.

A 20% lighter version of the original color is **28.3318, 7.4444, 0.8830**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.2002, 8.2316, 0.4501**, and if you desaturate by 10%, it is **14.2884, 4.7742, 0.4122**.

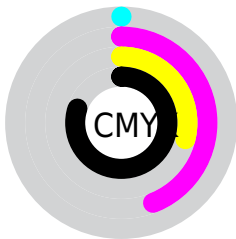
Distribution



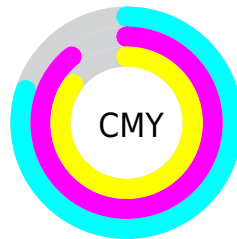
- Red (20%)
- Green (11%)
- Blue (15%)



- Red (20%)
- Yellow (11%)
- Blue (15%)



- Cyan (0%)
- Magenta (44%)
- Yellow (29%)
- Black (80%)



- Cyan (80%)
- Magenta (89%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.1999, 6.5081, 0.3860 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 13.1999, 6.5081, 0.3860 by changing the saturation by 10% instead.

■ 13.1999, 6.5081,
0.3860

■ 13.1999, 6.5081,
0.3860

105.3129, 7.7910,
5.0749

■ 6.7151, 7.8452,
-0.0452

■ 28.3609, 7.4455,
1.1172

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.2678, 7.7303,
1.5620

0.0000, NaN, NaN

■ 46.9505, 7.9193,
2.0522

0.0000, NaN, NaN

■ 57.3513, 8.0256,
2.5840

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.4236, 8.0591,
3.1544

0.0000, NaN, NaN

■ 80.1289, 8.0273,

0.0000, NaN, NaN

3.7609

■ 92.4347, 7.9363,
4.4017

■ 13.1999, 6.5081,
0.3860

■ 13.1999, 6.5081,
0.3860

■ 12.2002, 8.2316,
0.4501

■ 14.2884, 4.7742,
0.4122

■ 11.3018, 9.9068,
0.6172

■ 15.4527, 3.0552,
0.5143

■ 10.5196, 11.4739,
0.8983

■ 16.6831, 1.3631,
0.6804

■ 9.8576, 12.8850,
1.2860

■ 17.9710, -0.2969,
0.9001

■ 9.1972, 14.4805,
1.6415

■ 19.3095, -1.9240,
1.1645

■ 8.7979, 15.5661,
1.8125

■ 20.6927, -3.5196,
1.4666

■ 22.1158, -5.0866,
1.8007

■ 23.5749, -6.6282,
2.1621

■ 25.0664, -8.1476,
2.5471

Harmonies

Analogous

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



13.2002, 5.2603, -3.1547



13.1999, 6.5081, 0.3860



13.2002, 5.6658, 3.2489

Triad

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



13.2002, 6.5075, 0.3863



13.2002, -3.5527, 5.1633



13.2002, -4.0932, -5.6606

Complementary

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



13.1999, 6.5081, 0.3860



17.0268, -6.8442, 2.0738

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.



13.2002, -6.0581, -2.4395



13.1999, 6.5081, 0.3860



13.2002, -5.7691, 3.6870

Square

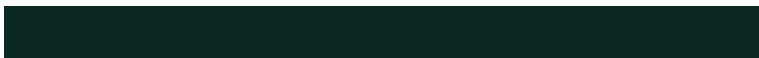
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13.2002, 6.5075, 0.3863



13.2002, -0.3584, 5.5907



13.2002, -6.6394, 1.0424



13.2002, -1.0481, -7.1583

Rectangle

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



13.1999, 6.5081, 0.3860



13.2002, 4.0759, 4.5164



13.2002, -6.6394, 1.0424



13.2002, -4.8896, -4.7090

Sweetspot

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



13.2002, 6.5075, 0.3863



21.9999, 1.6772, 0.9071



12.8885, 6.4716, -6.8903



11.8397, 1.0127, 0.4793



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.



13.2002, 6.5075, 0.3863



15.8179, 11.1884, 0.6182



13.6978, 4.2642, 3.4833



9.4296, 0.1929, 0.4361



14.9512, 26.2674, 4.5211



39.0214, 68.1406, 15.0190

Inverse Universe

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



13.2002, 6.5075, 0.3863



15.8179, 11.1884, 0.6182



16.3352, -4.4788, -1.8047



9.4296, 0.1929, 0.4361



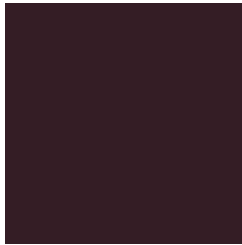
14.9512, 26.2674, 4.5211



39.0214, 68.1406, 15.0190

Previews

White Background



This preview shows how the HunterLab color 13.1999, 6.5081, 0.3860 looks on a white background.

Color Contrast Check

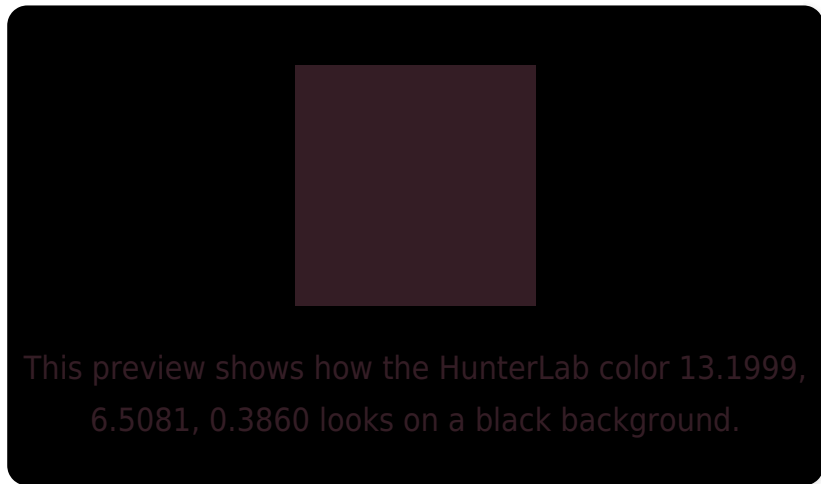
Large Text (above 18pt) WCAG AA ✓ Pass

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

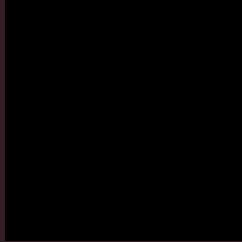
Any Text WCAG AA × Fail

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 13.1999, 6.5081, 0.3860 Background



This preview shows how black text looks on a background with the HunterLab color 13.1999, 6.5081, 0.3860.

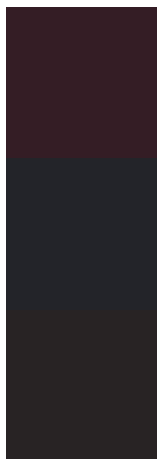


This preview shows how white text looks on a background with the HunterLab color 13.1999, 6.5081,

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

13.1999, 6.5081, 0.3860

Protanopia

13.3386, -0.2681, -1.1104

Deuteranopia

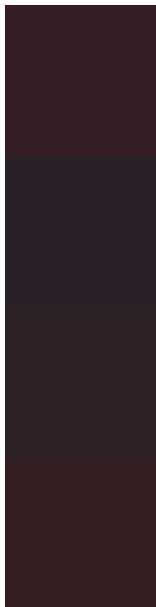
13.3437, 0.6541, 0.8177



Tritanopia

13.2774, 5.5500, 2.1766

Trichromacy



Original Color

13.1999, 6.5081, 0.3860

Protanomaly

13.0856, 2.2174, -0.9937

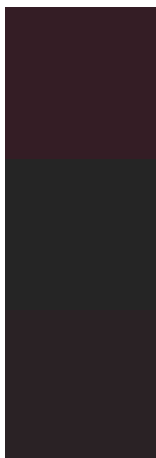
Deuteranomaly

13.2309, 2.4927, 0.7171

Tritanomaly

13.3195, 5.7607, 1.5717

Monochromacy



Original Color

13.1999, 6.5081, 0.3860

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.3036, 1.6857, 0.4268

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.1999, 6.5081, 0.3860 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, 29, 37)` looks like.

```
.text, #text, p{  
    color:rgb(52, 29, 37)  
}
```

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, 29, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 29, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 13.1999, 6.5081, 0.3860 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, 29, 37) }
```


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

```
.border{ border-color:rgb(52, 29, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 29, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 29, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 29, 37);  
box-shadow:4px 4px 4px 4px rgb(52, 29, 37)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.1999, 6.5081, 0.3860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 29, 37) }
```

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

```
.background{ background-color: rgb(52, 29,  
37) }
```

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