

Converting Colors

HunterLab(13.8003, 7.6250,
3.5418)

Have a look what the booklet for
HunterLab(13.8003, 7.6250, 3.5418)
contains.

HunterLab(13.7741, 7.8367, 3.6212)	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(13.7741, 7.8367,
3.6212)**

Conversions

Conversions Part 1

Format	Color
Hex	3B1D1D
RGB	59, 29, 29
RGB Percent	23%, 11%, 11%
CMY	0.7686, 0.8863, 0.8863
CMYK	0.00, 0.51, 0.51, 0.77
HSL	0°, 34%, 17%
HSV	0°, 51%, 23%
XYZ	2.4648, 1.8973, 1.3987
YIQ	37.9700, 17.8800, 6.3600

Conversions

Conversions Part 2

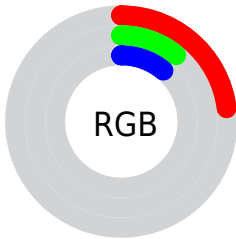
Format	Color
R_{YB}	59, 29, 29
Decimal	3874077
CIE Lab	14.94, 14.64, 6.50
CIE LCh	15, 16.018, 23.951
Yxy	1.8974, 0.4279, 0.3293
Android (android.graphics.Color)	4282064157 (0xFF3B1D1D)
YUV	37.9700, -4.4222, 18.4433
Hunter-Lab	13.7741, 7.8367, 3.6212

Details

The HunterLab color **13.7741, 7.8367, 3.6212** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **19.2477, -7.1603, -1.0106**, and the grayscale version is **13.9225, -0.7429, 0.7564**.

A 20% lighter version of the original color is **29.0192, 9.1073, 5.5147**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.6844, 9.7147, 4.1724**, and if you desaturate by 10%, it is **14.9895, 5.9646, 3.0819**.

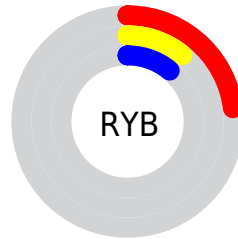
Distribution



 Red (23%)

 Green (11%)

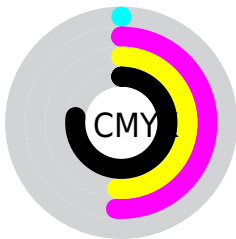
 Blue (11%)




 Red (23%)

 Yellow (11%)

 Blue (11%)

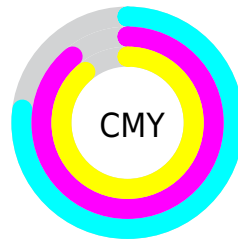


 Cyan (0%)


 Magenta (51%)

 Yellow (51%)

 Black (77%)



 Cyan (77%)

 Magenta (89%)

 Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.7741, 7.8367, 3.6212 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 13.7741, 7.8367, 3.6212 by changing the saturation by 10% instead.

■ 13.7741, 7.8367,
3.6212

■ 13.7741, 7.8367,
3.6212

106.4543, 9.9611,
12.0257

■ 7.3945, 8.2434,
4.0477

■ 29.0998, 8.9937,
5.4554

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 38.0765, 9.3802,
6.3599

0.0000, NaN, NaN

■ 47.8235, 9.6658,
7.2702

0.0000, NaN, NaN

■ 58.2841, 9.8642,
8.1911

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 69.4127, 9.9856,
9.1256


0.0000, NaN, NaN


■ 81.1712, 10.0382,


0.0000, NaN, NaN


10.0755


 93.5276, 10.0283,
11.0419


 13.7741, 7.8367,
3.6212


 13.7741, 7.8367,
3.6212

 12.6844, 9.7147,
4.1724


 14.9895, 5.9646,
3.0819


 11.7394, 11.5392,
4.7157


 16.3116, 4.1361,
2.5645


 10.9592, 13.2174,
5.2217

 17.7253, 2.3672,
2.0736

 10.2905, 14.8083,
5.7067

 19.2176, 0.6625,
1.6100

 9.6430, 16.5121,
6.2311

 20.7780, -0.9795,
1.1722

■ 22.3979, -2.5641,
0.7580

■ 24.0702, -4.0975,
0.3647

■ 25.7892, -5.5862,
-0.0103

■ 27.5501, -7.0365,
-0.3694

Harmonies

Analogous

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



13.7744, 8.6785, -0.1214



13.7741, 7.8367, 3.6212



13.7744, 4.5784, 5.7883

Triad

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



13.7744, 7.8359, 3.6214



13.7744, -6.9044, 4.6799



13.7744, -1.6119, -9.8319

Complementary

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



13.7741, 7.8367, 3.6212



19.2477, -7.1603, -1.0106

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.



13.7744, -5.3493, -7.4267



13.7741, 7.8367, 3.6212



13.7744, -8.1494, 1.5675

Square

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



13.7744, 7.8359, 3.6214



13.7744, -3.9903, 6.2963



13.7744, -7.6177, -2.9147



13.7744, 2.8522, -8.7640

Rectangle

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



13.7741, 7.8367, 3.6212



13.7744, 1.6705, 6.5235



13.7744, -7.6177, -2.9147



13.7744, -2.9873, -9.3840

Sweetspot

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



13.7744, 7.8359, 3.6214



23.9218, 1.9152, 2.3697



14.5751, 11.6316, -7.6470



12.3161, 1.0609, 1.2451



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



13.7744, 7.8359, 3.6214



16.0322, 13.2814, 5.6097



16.7926, 1.7166, 6.2733



10.8428, 0.1493, 0.8331



15.4866, 26.5194, 10.0070



39.3779, 67.4341, 25.4450

Inverse Universe

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



19.2477, -7.1603, -1.0106



24.5764, -10.5326, -1.7565



15.4220, -1.5616, -6.4318



11.3863, -1.3006, 0.3863



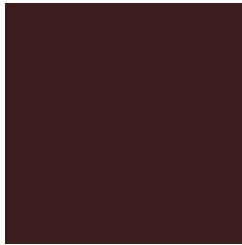
29.8015, -15.7983, -3.1453



75.7774, -40.1707, -7.9982

Previews

White Background



This preview shows how the HunterLab color 13.7741, 7.8367, 3.6212 looks on a white background.

Color Contrast Check

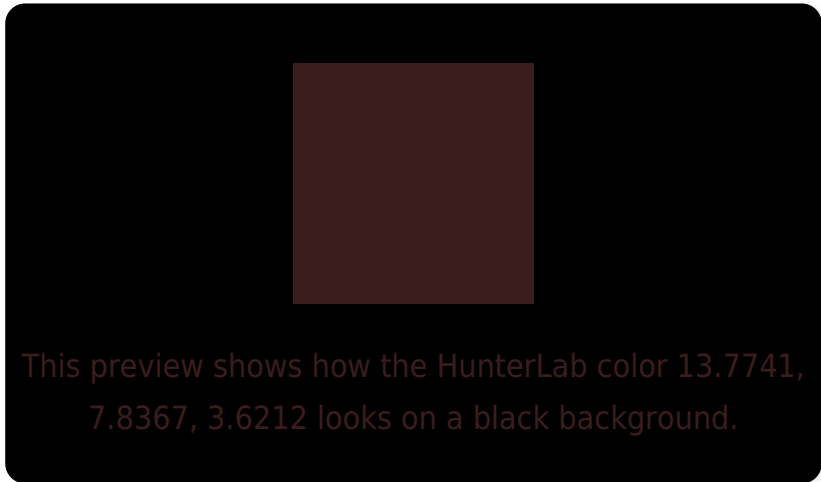
Large Text (above 18pt) WCAG AA ✓ Pass

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

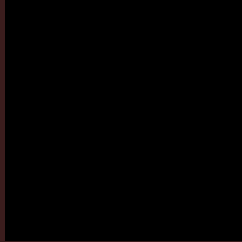
Any Text WCAG AA × Fail

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 13.7741, 7.8367, 3.6212 Background



This preview shows how black text looks on a background with the HunterLab color 13.7741, 7.8367, 3.6212.



This preview shows how white text looks on a background with the HunterLab color 13.7741, 7.8367,

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

13.7741, 7.8367, 3.6212

Protanopia

13.9540, -0.8477, 2.4700

Deuteranopia

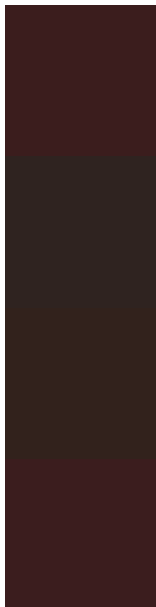
14.0174, 0.3441, 3.9966



Tritanopia

13.8111, 8.0164, 3.0857

Trichromacy



Original Color

13.7741, 7.8367, 3.6212

Protanomaly

13.8228, 2.0766, 2.6925

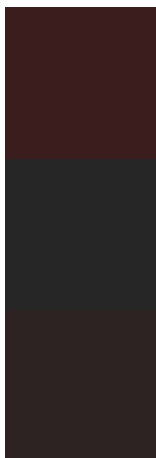
Deuteranomaly

13.8058, 2.9529, 3.8407

Tritanomaly

13.7923, 7.9253, 3.3573

Monochromacy



Original Color

13.7741, 7.8367, 3.6212

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

13.7995, 2.1240, 1.7084

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.7741, 7.8367, 3.6212 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(59, 29, 29)` looks like.

```
.text, #text, p{  
    color:rgb(59, 29, 29)  
}
```

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(59, 29, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 29, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 13.7741, 7.8367, 3.6212 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(59, 29, 29) }
```


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

```
.border{ border-color:rgb(59, 29, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 29, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 29, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 29, 29);  
box-shadow:4px 4px 4px 4px rgb(59, 29, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.7741, 7.8367, 3.6212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 29, 29) }
```

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

```
.background{ background-color: rgb(59, 29,  
29) }
```

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