

Converting Colors

HunterLab(13.6510, -1.4005,
1.9797)

Have a look what the booklet for
HunterLab(13.6510, -1.4005, 1.9797)
contains.

HunterLab(13.7454, -1.5807, 2.2358)	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(13.7454, -1.5807,
2.2358)**

Conversions

Conversions Part 1

Format	Color
Hex	252621
RGB	37, 38, 33
RGB Percent	15%, 15%, 13%
CMY	0.8549, 0.8510, 0.8706
CMYK	0.03, 0.00, 0.13, 0.85
HSL	72°, 7%, 14%
HSV	72°, 13%, 15%
XYZ	1.7306, 1.8894, 1.7123
YIQ	37.1310, 1.0090, -1.7670

Conversions

Conversions Part 2

Format	Color
R_{YB}	33, 38, 34
Decimal	2434593
CIE Lab	14.90, -1.63, 3.16
CIE LCh	15, 3.557, 117.307
Yxy	1.8894, 0.3245, 0.3543
Android (android.graphics.Color)	4280624673 (0xFF252621)
YUV	37.1310, -2.0366, -0.1149
Hunter-Lab	13.7454, -1.5807, 2.2358

Details

The HunterLab color **13.7454, -1.5807, 2.2358** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12.5211, 0.2341, -0.9640**, and the grayscale version is **13.6499, -0.7283, 0.7416**.

A 20% lighter version of the original color is **29.1825, -2.6712, 3.6704**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **13.6214, -2.1709, 3.2391**, and if you desaturate by 10%, it is **13.8787, -0.9505, 1.1281**.

Distribution



Red (15%)

Green (15%)

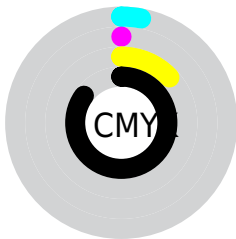
Blue (13%)



Red (13%)

Yellow (15%)

Blue (13%)



Cyan (3%)

Magenta (0%)

Yellow (13%)

Black (85%)



Cyan (85%)

Magenta (85%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.7454, -1.5807, 2.2358 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 13.7454, -1.5807, 2.2358 by changing the saturation by 10% instead.

■ 13.7454, -1.5807,
2.2358

■ 13.7454, -1.5807,
2.2358

■ 106.3974, -7.3734,
8.8691

■ 7.3622, -1.3591,
2.1804

■ 29.0629, -2.6445,
3.5373

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 38.0361, -3.2277,
4.2220

0.0000, NaN, NaN

■ 47.7800, -3.8438,
4.9323

0.0000, NaN, NaN

■ 58.2376, -4.4913,
5.6686

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.3634, -5.1692,
6.4308

0.0000, NaN, NaN

■ 81.1193, -5.8762,

0.0000, NaN, NaN

7.2186

■ 93.4732, -6.6112,
8.0315

■ 13.7454, -1.5807,
2.2358

■ 13.7454, -1.5807,
2.2358

■ 13.6214, -2.1709,
3.2391

■ 13.8787, -0.9505,
1.1281

■ 13.5056, -2.7193,
4.1369

■ 14.0203, -0.2800,
-0.0834

■ 13.3983, -3.2260,
4.9293

■ 14.1706, 0.4295,
-1.3967

■ 13.2993, -3.6909,
5.6172

■ 14.3295, 1.1766,
-2.8099

■ 13.2084, -4.1142,
6.2021

■ 14.4970, 1.9602,
-4.3203

■ 13.1255, -4.4963,
6.6861

■ 14.6730, 2.7789,
-5.9251

■ 13.0471, -4.8566,
7.1194

■ 14.8575, 3.6311,
-7.6212

■ 12.9693, -5.2173,
7.5590

■ 15.0503, 4.5154,
-9.4054

■ 12.9164, -5.4642,
7.8634

■ 15.2513, 5.4302,
-11.2742

Harmonies

Analogous

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



13.7457, -0.6462, 2.4082



13.7454, -1.5807, 2.2358



13.7457, -2.2718, 1.6742

Triad

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



13.7457, -1.5810, 2.2360



13.7457, -1.7291, -0.8336



13.7457, 1.1828, 0.6644

Complementary

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



13.7454, -1.5807, 2.2358



12.5211, 0.2341, -0.9640

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.



13.7457, 0.8742, -0.2471



13.7454, -1.5807, 2.2358



13.7457, -0.8219, -1.1487

Square

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



13.7457, -1.5810, 2.2360



13.7457, -2.3556, -0.0926



13.7457, 0.1337, -0.9270



13.7457, 0.9661, 1.5390

Rectangle

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



13.7454, -1.5807, 2.2358



13.7457, -2.5102, 1.1331



13.7457, 0.1337, -0.9270



13.7457, 1.1369, 0.3518

Sweetspot

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



13.7457, -1.5810, 2.2360



17.2688, -1.2717, 1.5615



12.9073, 0.1745, 1.3470



9.9675, -0.7420, 0.9154



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



13.7457, -1.5810, 2.2360



17.0611, -2.2566, 3.2789



13.5822, -2.1633, 2.0504



7.6755, -0.6886, 0.9112



26.6599, -11.9379, 16.2187



73.4122, -34.0920, 44.6394

Inverse Universe

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



12.5211, 0.2341, -0.9640



15.0987, 0.6553, -1.8575



12.6958, 0.8250, -0.7266



7.2774, -0.0991, -0.1275



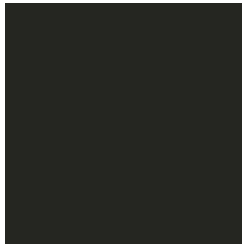
8.4629, 21.6194, -49.7748



22.5773, 59.0754, -143.6341

Previews

White Background



This preview shows how the HunterLab color 13.7454, -1.5807, 2.2358 looks on a white background.

Color Contrast Check

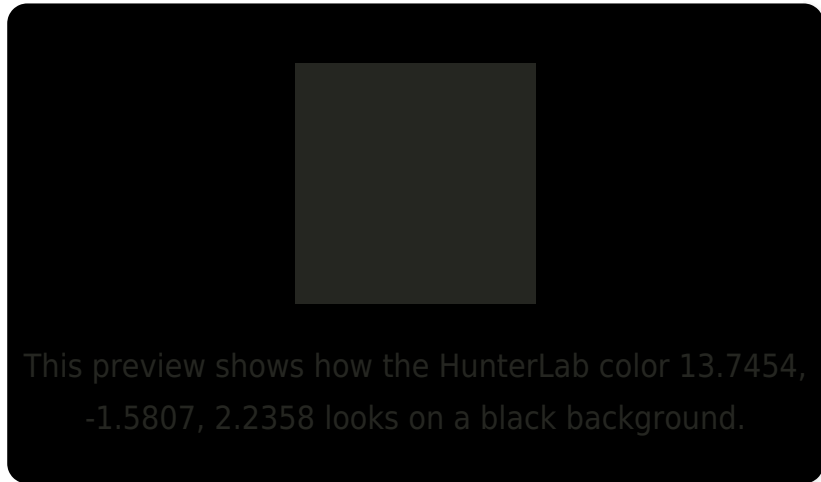
Large Text (above 18pt) WCAG AA ✓ Pass

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

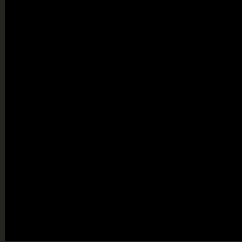
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

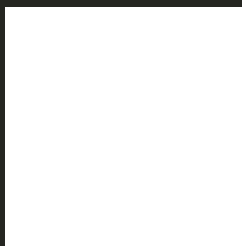
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 13.7454, -1.5807, 2.2358 Background



This preview shows how black text looks on a background with the HunterLab color 13.7454, -1.5807, 2.2358.

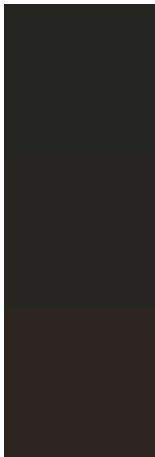


This preview shows how white text looks on a background with the HunterLab color 13.7454, -1.5807,

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

13.7454, -1.5807, 2.2358

Protanopia

13.6538, -0.7182, 2.1529

Deuteranopia

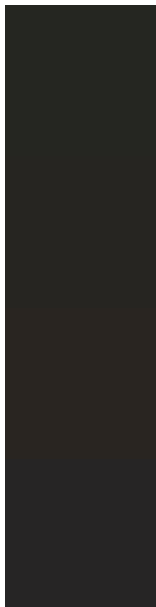
13.7301, 0.6951, 2.2593



Tritanopia

13.7419, -0.0971, -0.1953

Trichromacy



Original Color

13.7454, -1.5807, 2.2358

Protanomaly

13.5831, -0.9649, 2.0724

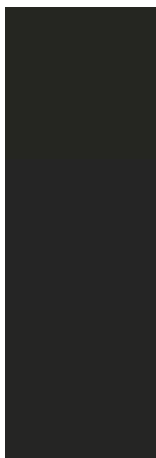
Deuteranomaly

13.7998, -0.2132, 2.3178

Tritanomaly

13.6703, -0.4872, 0.8239

Monochromacy



Original Color

13.7454, -1.5807, 2.2358

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.5788, -0.8507, 1.0645

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.7454, -1.5807, 2.2358 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(37, 38, 33)` looks like.

```
.text, #text, p{  
    color:rgb(37, 38, 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(37, 38, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 38, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 13.7454, -1.5807, 2.2358 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(37, 38, 33) }
```


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

```
.border{ border-color:rgb(37, 38, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 38, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 38, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 38, 33);  
box-shadow:4px 4px 4px 4px rgb(37, 38, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.7454, -1.5807, 2.2358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 38, 33) }
```

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

```
.background{ background-color: rgb(37, 38,  
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](#).

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