

Converting Colors

HunterLab(13.3239, -1.3297,
1.7457)

Have a look what the booklet for
HunterLab(13.3239, -1.3297, 1.7457)
contains.

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Color

**HunterLab(13.4462, -1.4460,
1.9157)**

Conversions

Conversions Part 1

Format	Color
Hex	242521
RGB	36, 37, 33
RGB Percent	14%, 15%, 13%
CMY	0.8588, 0.8549, 0.8706
CMYK	0.03, 0.00, 0.11, 0.85
HSL	75°, 6%, 14%
HSV	75°, 11%, 15%
XYZ	1.6636, 1.8080, 1.7001
YIQ	36.2450, 0.6880, -1.4560

Conversions

Conversions Part 2

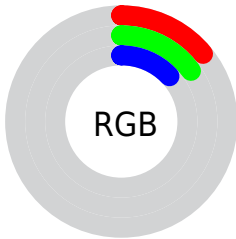
Format	Color
R_YB	33, 37, 34
Decimal	2368801
CIE Lab	14.45, -1.41, 2.50
CIE LCh	14, 2.874, 119.406
Yxy	1.8081, 0.3217, 0.3496
Android (android.graphics.Color)	4280558881 (0xFF242521)
YUV	36.2450, -1.5998, -0.2149
Hunter-Lab	13.4462, -1.4460, 1.9157

Details

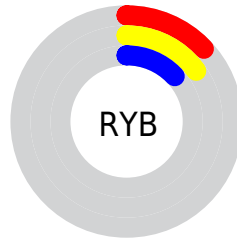
The HunterLab color **13.4462, -1.4460, 1.9157** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12.4957, 0.0964, -0.6037**, and the grayscale version is **13.3654, -0.7131, 0.7262**.

A 20% lighter version of the original color is **28.7678, -2.7829, 3.2074**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **13.3118, -2.0720, 2.9020**, and if you desaturate by 10%, it is **13.5899, -0.7815, 0.8314**.

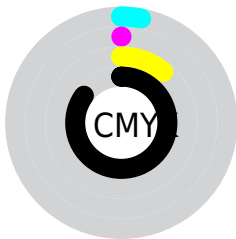
Distribution



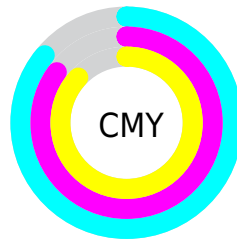
- Red (14%)
- Green (15%)
- Blue (13%)



- Red (13%)
- Yellow (15%)
- Blue (13%)



- Cyan (3%)
- Magenta (0%)
- Yellow (11%)
- Black (85%)



- Cyan (86%)
- Magenta (85%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.4462, -1.4460, 1.9157 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 13.4462, -1.4460, 1.9157 by changing the saturation by 10% instead.

■ 13.4462, -1.4460,
1.9157

■ 13.4462, -1.4460,
1.9157

105.8039, -7.1111,
8.2004

■ 7.0157, -1.2513,
1.8614

■ 28.6783, -2.4730,
3.1145

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.6153, -3.0405,
3.7562

0.0000, NaN, NaN

■ 47.3258, -3.6421,
4.4270

0.0000, NaN, NaN

■ 57.7524, -4.2762,
5.1267

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.8489, -4.9413,
5.8546

0.0000, NaN, NaN

■ 80.5772, -5.6362,

0.0000, NaN, NaN

6.6100

■ 92.9048, -6.3598,
7.3922

■ 13.4462, -1.4460,
1.9157

■ 13.4462, -1.4460,
1.9157

■ 13.3118, -2.0720,
2.9020

■ 13.5899, -0.7815,
0.8314

■ 13.1857, -2.6577,
3.7886

■ 13.7419, -0.0785,
-0.3500

■ 13.0681, -3.2028,
4.5755

■ 13.9026, 0.6613,
-1.6263

■ 12.9591, -3.7068,
5.2628

■ 14.0718, 1.4367,
-2.9952

■ 12.8584, -4.1696,
5.8515

■ 14.2496, 2.2461,
-4.4540

■ 12.7658, -4.5914,
6.3435

■ 14.4357, 3.0882,
-5.9998

■ 12.6791, -4.9851,
6.7722

■ 14.6301, 3.9613,
-7.6296

■ 12.5935, -5.3774,
7.2064

■ 14.8327, 4.8640,
-9.3399

■ 12.5158, -5.7372,
7.6118

■ 15.0433, 5.7944,
-11.1275

Harmonies

Analogous

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



13.4465, -0.7026, 2.0812



13.4462, -1.4460, 1.9157



13.4465, -1.9844, 1.4377

Triad

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



13.4465, -1.4463, 1.9159



13.4465, -1.4727, -0.5543



13.4465, 0.8139, 0.7171

Complementary

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



13.4462, -1.4460, 1.9157



12.4957, 0.0964, -0.6037

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.



13.4465, 0.5967, -0.0143



13.4462, -1.4460, 1.9157



13.4465, -0.7337, -0.7735

Square

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



13.4465, -1.4463, 1.9159



13.4465, -1.9993, 0.0128



13.4465, 0.0258, -0.5706



13.4465, 0.6128, 1.4134

Rectangle

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



13.4462, -1.4460, 1.9157



13.4465, -2.1602, 0.9915



13.4465, 0.0258, -0.5706



13.4465, 0.7873, 0.4671

Sweetspot

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



13.4465, -1.4463, 1.9159



17.2817, -1.2039, 1.4026



12.8344, -0.0748, 1.2602



9.9729, -0.7124, 0.8383



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.



13.4465, -1.4463, 1.9159



17.0895, -2.0959, 2.8447



13.3158, -1.9104, 1.7650



7.6700, -0.7079, 0.9047



26.4051, -12.9302, 16.0443



72.6606, -37.0322, 44.1248

Inverse Universe

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



12.4957, 0.0964, -0.6037



15.5348, 0.4281, -1.2792



12.6349, 0.5694, -0.4182



7.2829, -0.0801, -0.1203



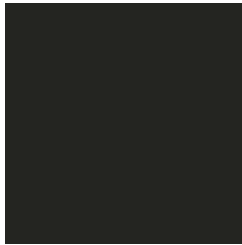
8.6964, 21.8280, -48.1402



23.1238, 59.5289, -139.5418

Previews

White Background



This preview shows how the HunterLab color 13.4462, -1.4460, 1.9157 looks on a white background.

Color Contrast Check

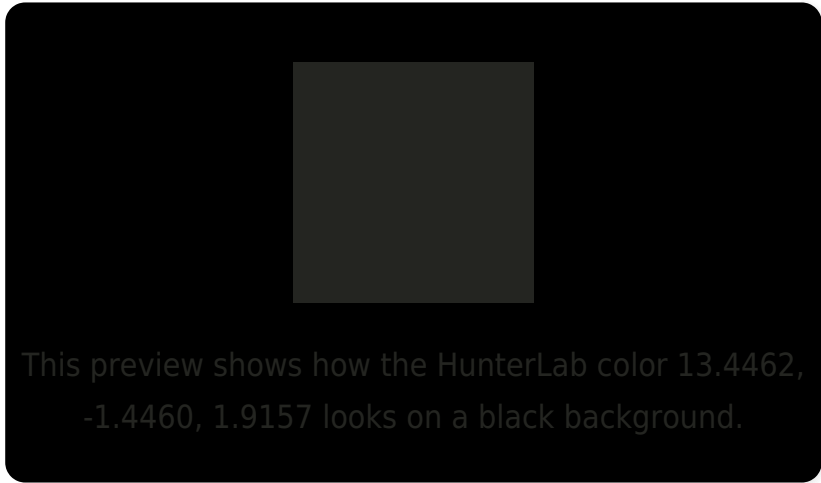
Large Text (above 18pt) WCAG AA ✓ Pass

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

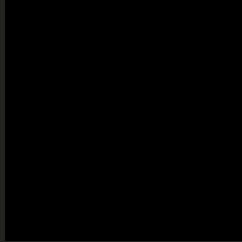
Any Text WCAG AA × Fail

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 13.4462, -1.4460, 1.9157 Background



This preview shows how black text looks on a background with the HunterLab color 13.4462, -1.4460, 1.9157.



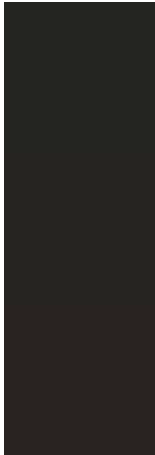
This preview shows how white text looks on a background with the HunterLab color 13.4462, -1.4460,

1.9157.

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

13.4462, -1.4460, 1.9157

Protanopia

13.3553, -0.5872, 1.8315

Deuteranopia

13.3540, 0.5571, 1.8501



Tritanopia

13.4222, -0.0823, -0.2096

Trichromacy



Original Color

13.4462, -1.4460, 1.9157

Protanomaly

13.2849, -0.8321, 1.7500

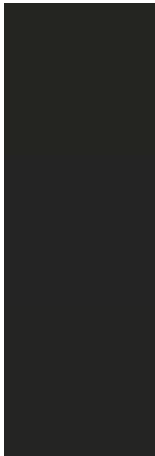
Deuteranomaly

13.4272, -0.3384, 1.9144

Tritanomaly

13.3740, -0.3445, 0.4756

Monochromacy



Original Color

13.4462, -1.4460, 1.9157

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.2596, -0.8332, 1.0458

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.4462, -1.4460, 1.9157 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(36, 37, 33)` looks like.

```
.text, #text, p{  
    color:rgb(36, 37, 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(36, 37, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 37, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 13.4462, -1.4460, 1.9157 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(36, 37, 33) }
```


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

```
.border{ border-color:rgb(36, 37, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 37, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 37, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 37, 33);  
box-shadow:4px 4px 4px 4px rgb(36, 37, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.4462, -1.4460, 1.9157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 37, 33) }
```

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

```
.background{ background-color: rgb(36, 37,  
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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