

Converting Colors

HunterLab(13.0833, 0.1874,
0.0506)

Have a look what the booklet for
HunterLab(13.0833, 0.1874, 0.0506)
contains.

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Color

**HunterLab(13.1490, 0.0388,
0.2109)**

Conversions

Conversions Part 1

Format	Color
Hex	252325
RGB	37, 35, 37
RGB Percent	15%, 14%, 15%
CMY	0.8549, 0.8627, 0.8549
CMYK	0.00, 0.05, 0.00, 0.85
HSL	300°, 3%, 14%
HSV	300°, 5%, 15%
XYZ	1.6979, 1.7290, 1.9945
YIQ	35.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

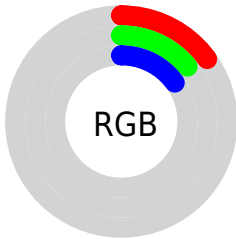
Format	Color
RYB	37, 35, 37
Decimal	2433829
CIELab	14.00, 1.42, -1.01
CIELCh	14, 1.736, 324.623
Yxy	1.7290, 0.3132, 0.3189
Android (android.graphics.Color)	4280623909 (0xFF252325)
YUV	35.8260, 0.5788, 1.0296
Hunter-Lab	13.1490, 0.0388, 0.2109

Details

The HunterLab color **13.1490, 0.0388, 0.2109** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13.4234, -1.4412, 1.2223**, and the grayscale version is **13.2253, -0.7057, 0.7186**.

A 20% lighter version of the original color is **28.2754, -0.2499, 0.6802**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.3397, 1.4750, -0.7804**, and if you desaturate by 10%, it is **13.9943, -1.3692, 1.1837**.

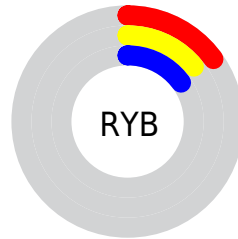
Distribution



Red (15%)

Green (14%)

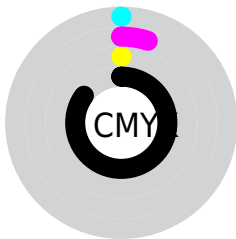
Blue (15%)



Red (15%)

Yellow (14%)

Blue (15%)

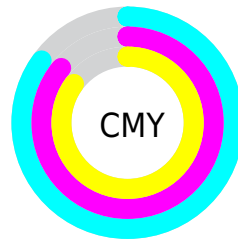


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (85%)



Cyan (85%)

Magenta (86%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.1490, 0.0388, 0.2109 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 13.1490, 0.0388, 0.2109 by changing the saturation by 10% instead.

■ 13.1490, 0.0388,
0.2109

■ 13.1490, 0.0388,
0.2109

105.2111, -4.1499,
4.7322

■ 6.6510, 0.5722,
-0.2644

■ 28.2952, -0.5590,
0.8937

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.1958, -0.9447,
1.3179

0.0000, NaN, NaN

■ 46.8727, -1.3789,
1.7890

0.0000, NaN, NaN

■ 57.2682, -1.8572,
2.3031

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.3354, -2.3760,
2.8568

0.0000, NaN, NaN

■ 80.0360, -2.9325,

0.0000, NaN, NaN

3.4476

92.3372, -3.5245,
4.0733

13.1490, 0.0388,
0.2109

13.1490, 0.0388,
0.2109

12.3397, 1.4750,
-0.7804

13.9943, -1.3692,
1.1837

11.5698, 2.9373,
-1.7887

14.8709, -2.7476,
2.1369

10.8448, 4.4187,
-2.8093

15.7760, -4.0977,
3.0713

10.1702, 5.9071,
-3.8336

16.7068, -5.4212,
3.9882

9.5524, 7.3828,
-4.8483

17.6609, -6.7204,
4.8889

■ 8.9982, 8.8172,
-5.8338

■ 18.6363, -7.9977,
5.7752

■ 8.5115, 10.1800,
-6.7694

■ 19.6313, -9.2555,
6.6485

■ 8.0258, 11.6542,
-7.7807

■ 20.6444, -10.4961,
7.5104

■ 7.5087, 13.3740,
-8.9596

■ 21.6743, -11.7216,
8.3624

Harmonies

Analogous

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



13.1493, -0.3258, -0.0854



13.1490, 0.0388, 0.2109



13.1493, 0.2044, 0.6354

Triad

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



13.1493, 0.0385, 0.2111



13.1493, -0.6180, 1.5388



13.1493, -1.5094, 0.3546

Complementary

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



13.1490, 0.0388, 0.2109



13.4234, -1.4412, 1.2223

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.



13.1493, -1.5851, 0.7956



13.1490, 0.0388, 0.2109



13.1493, -1.0747, 1.4694

Square

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



13.1493, 0.0385, 0.2111



13.1493, -0.1780, 1.3939



13.1493, -1.4271, 1.2011



13.1493, -1.2186, -0.0005

Rectangle

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



13.1490, 0.0388, 0.2109



13.1493, 0.1786, 0.9297



13.1493, -1.4271, 1.2011



13.1493, -1.5606, 0.4981

Sweetspot

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



13.1493, 0.0385, 0.2111



17.1120, -0.5409, 0.6766



13.0193, -0.4472, 0.0437



9.9009, -0.3496, 0.4164



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.



13.1493, 0.0385, 0.2111



16.6583, 0.2331, 0.1421



13.1265, -0.0852, 0.5357



7.4764, 0.0221, 0.1199



15.4241, 30.3244, -20.3441



42.6355, 83.8231, -56.2357

Inverse Universe

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



13.1027, -0.2143, 0.8744



16.5877, -0.1496, 1.1477



13.4450, -1.3215, 0.9128



7.4499, -0.1217, 0.4972



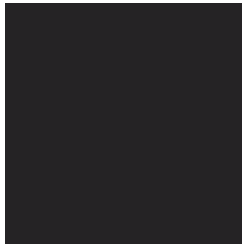
13.3265, 22.8221, 8.6111



36.8374, 63.0851, 23.8033

Previews

White Background



This preview shows how the HunterLab color 13.1490, 0.0388, 0.2109 looks on a white background.

Color Contrast Check

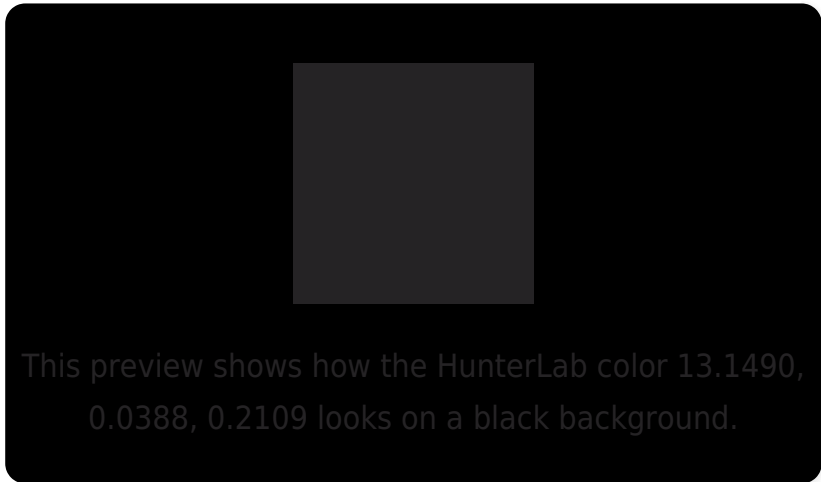
Large Text (above 18pt) WCAG AA ✓ Pass

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

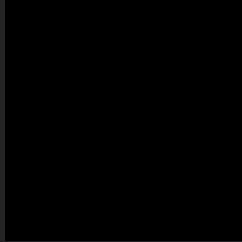
Any Text WCAG AA × Fail

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 13.1490, 0.0388, 0.2109 Background



This preview shows how black text looks on a background with the HunterLab color 13.1490, 0.0388, 0.2109.



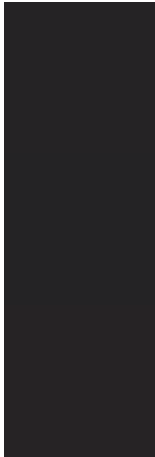
This preview shows how white text looks on a background with the HunterLab color 13.1490, 0.0388,

0.2109.

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

13.1490, 0.0388, 0.2109

Protanopia

13.0794, -0.1999, 0.1219

Deuteranopia

13.2201, 0.2816, 0.3014



Tritanopia

13.1732, 0.1699, -0.1330

Trichromacy



Original Color

13.1490, 0.0388, 0.2109

Protanomaly

13.0794, -0.1999, 0.1219

Deuteranomaly

13.2201, 0.2816, 0.3014

Tritanomaly

13.1732, 0.1699, -0.1330

Monochromacy



Original Color

13.1490, 0.0388, 0.2109

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.2823, -0.7087, 0.7217

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.1490, 0.0388, 0.2109 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, 35, 37)` looks like.

```
.text, #text, p{  
    color:rgb(37, 35, 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(37, 35, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 35, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 13.1490, 0.0388, 0.2109 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, 35, 37) }
```


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

```
.border{ border-color:rgb(37, 35, 37) }
```

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

Here you see how a box with a 4 pixel rgb(37, 35, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 35, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 35, 37);  
box-shadow:4px 4px 4px 4px rgb(37, 35, 37)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.1490, 0.0388, 0.2109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 35, 37) }
```

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

```
.background{ background-color: rgb(37, 35,  
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](#).

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