

Converting Colors

HunterLab(12.9819, 2.3152,
-0.5122)

Have a look what the booklet for
HunterLab(12.9819, 2.3152, -0.5122)
contains.

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Color

**HunterLab(13.0348, 1.9501,
-0.2747)**

Conversions

Conversions Part 1

Format	Color
Hex	292126
RGB	41, 33, 38
RGB Percent	16%, 13%, 15%
CMY	0.8392, 0.8706, 0.8510
CMYK	0.00, 0.20, 0.07, 0.84
HSL	323°, 11%, 15%
HSV	323°, 20%, 16%
XYZ	1.8081, 1.6991, 2.0664
YIQ	35.9620, 3.1630, 3.2510

Conversions

Conversions Part 2

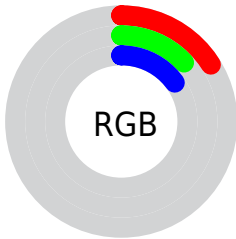
Format	Color
R_{YB}	41, 33, 38
Decimal	2695462
CIE Lab	13.82, 4.93, -1.93
CIE LCh	14, 5.299, 338.632
Yxy	1.6991, 0.3244, 0.3048
Android (android.graphics.Color)	4280885542 (0xFF292126)
YUV	35.9620, 1.0047, 4.4183
Hunter-Lab	13.0348, 1.9501, -0.2747

Details

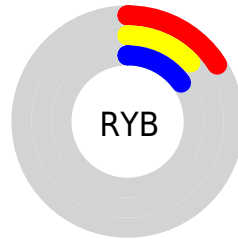
The HunterLab color **13.0348, 1.9501, -0.2747** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.2710, -3.2277, 1.8026**, and the grayscale version is **13.2666, -0.7079, 0.7208**.

A 20% lighter version of the original color is **28.1260, 1.8871, 0.1130**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.1471, 3.3850, -0.7844**, and if you desaturate by 10%, it is **13.9676, 0.5327, 0.2685**.

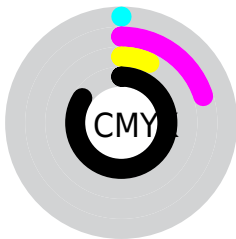
Distribution



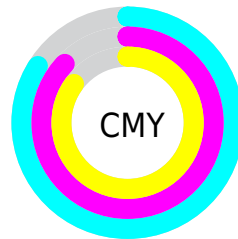
- Red (16%)
- Green (13%)
- Blue (15%)



- Red (16%)
- Yellow (13%)
- Blue (15%)



- Cyan (0%)
- Magenta (20%)
- Yellow (7%)
- Black (84%)



- Cyan (84%)
- Magenta (87%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.0348, 1.9501, -0.2747 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 13.0348, 1.9501, -0.2747 by changing the saturation by 10% instead.

■ 13.0348, 1.9501,
-0.2747

■ 13.0348, 1.9501,
-0.2747

104.9825, -0.4530,
3.7965

■ 6.5046, 2.9583,
-0.8763

■ 28.1477, 1.8648,
0.2791

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.0341, 1.6987,
0.6480

0.0000, NaN, NaN

■ 46.6981, 1.4672,
1.0680

0.0000, NaN, NaN

■ 57.0815, 1.1781,
1.5344

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.1374, 0.8375,
2.0431

0.0000, NaN, NaN

■ 79.8272, 0.4497,

0.0000, NaN, NaN

2.5914

92.1183, 0.0186,
3.1765

13.0348, 1.9501,
-0.2747

13.0348, 1.9501,
-0.2747

12.1471, 3.3850,
-0.7844

13.9676, 0.5327,
0.2685

11.3098, 4.8308,
-1.2517

14.9394, -0.8624,
0.8375

10.5300, 6.2730,
-1.6642

15.9463, -2.2346,
1.4269

9.8159, 7.6888,
-2.0062

16.9845, -3.5847,
2.0328

9.1761, 9.0441,
-2.2594

18.0509, -4.9140,
2.6523

■ 8.6104, 10.3194,
-2.4174

■ 19.1430, -6.2245,
3.2832

■ 8.0313, 11.7651,
-2.6064

■ 20.2584, -7.5183,
3.9236

■ 7.4096, 13.5263,
-2.8770

■ 21.3952, -8.7975,
4.5725

■ 7.3779, 13.6230,
-2.8928

■ 22.5519, -10.0640,
5.2288

Harmonies

Analogous

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



13.0351, 1.0555, -1.4908



13.0348, 1.9501, -0.2747



13.0351, 2.1194, 1.0940

Triad

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



13.0351, 1.9497, -0.2745



13.0351, -1.1041, 3.0286



13.0351, -2.7646, -1.0215

Complementary

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



13.0348, 1.9501, -0.2747



14.2710, -3.2277, 1.8026

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.



13.0351, -3.2915, 0.3130



13.0348, 1.9501, -0.2747



13.0351, -2.3601, 2.5827

Square

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



13.0351, 1.9497, -0.2745



13.0351, 0.3153, 2.9073



13.0351, -3.1466, 1.6223



13.0351, -1.6778, -1.9532

Rectangle

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



13.0348, 1.9501, -0.2747



13.0351, 1.7922, 1.8956



13.0351, -3.1466, 1.6223



13.0351, -3.0109, -0.5997

Sweetspot

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



13.0351, 1.9497, -0.2745



18.2567, 0.1200, 0.5682



12.7348, 1.1133, -1.9004



10.3479, 0.0560, 0.3266



57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

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



13.0351, 1.9497, -0.2745



16.1094, 3.4017, -0.6802



12.9425, 1.4595, 1.0444



8.0408, 0.1789, 0.2025



14.6459, 26.8110, -3.9419



39.5203, 71.9140, -7.2862

Inverse Universe

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



13.0351, 1.9497, -0.2745



16.1094, 3.4017, -0.6802



14.3596, -2.7286, 0.5362



8.0408, 0.1789, 0.2025



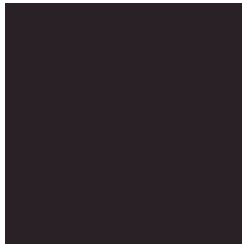
14.6459, 26.8110, -3.9419



39.5203, 71.9140, -7.2862

Previews

White Background



This preview shows how the HunterLab color 13.0348, 1.9501, -0.2747 looks on a white background.

Color Contrast Check

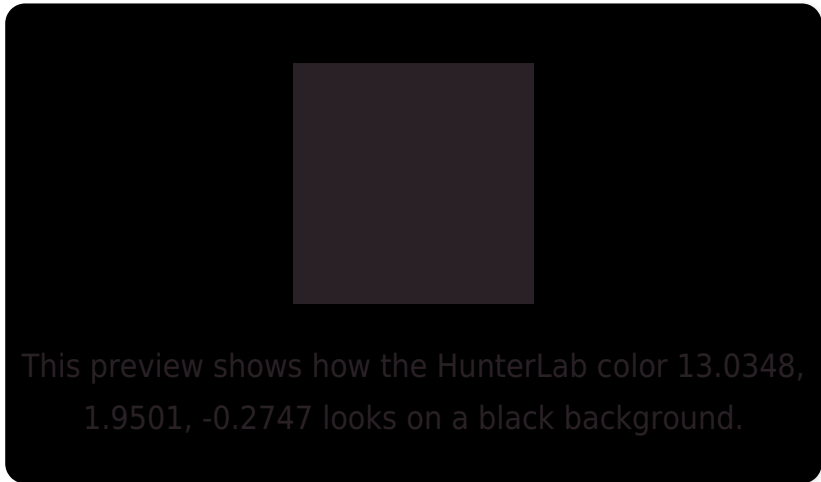
Large Text (above 18pt) WCAG AA ✓ Pass

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

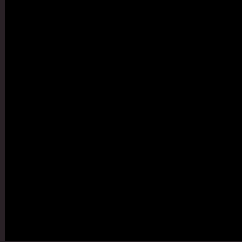
Any Text WCAG AA × Fail

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 13.0348, 1.9501, -0.2747 Background



This preview shows how black text looks on a background with the HunterLab color 13.0348, 1.9501, -0.2747.



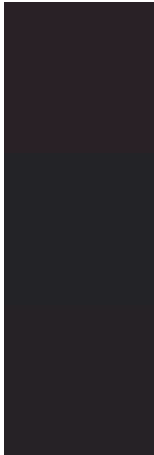
This preview shows how white text looks on a background with the HunterLab color 13.0348, 1.9501, -0.2747.

-0.2747.

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

13.0348, 1.9501, -0.2747

Protanopia

13.0609, -0.1646, -0.6682

Deuteranopia

13.0233, 0.8004, -0.3093



Tritanopia

12.9865, 1.6949, 0.4118

Trichromacy



Original Color

13.0348, 1.9501, -0.2747

Protanomaly

12.9763, 0.6926, -0.7621

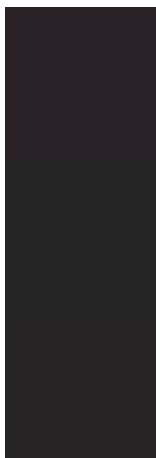
Deuteranomaly

13.0971, 1.0478, -0.2125

Tritanomaly

13.0104, 1.8210, 0.0726

Monochromacy



Original Color

13.0348, 1.9501, -0.2747

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.2201, 0.2816, 0.3014

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.0348, 1.9501, -0.2747 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(41, 33, 38)` looks like.

```
.text, #text, p{  
    color:rgb(41, 33, 38)  
}
```

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(41, 33, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 33, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 13.0348, 1.9501, -0.2747 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(41, 33, 38) }
```


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

```
.border{ border-color:rgb(41, 33, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 33, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 33, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 33, 38);  
box-shadow:4px 4px 4px 4px rgb(41, 33, 38)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.0348, 1.9501, -0.2747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 33, 38) }
```

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

```
.background{ background-color: rgb(41, 33,  
38) }
```

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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