

Converting Colors

HunterLab(16.8422, 12.9903,
-2.0261)

Have a look what the booklet for
HunterLab(16.8422, 12.9903,
-2.0261) contains.

HunterLab(16.8415, 13.0209, -2.1189)	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(16.8415, 13.0209,
-2.1189)**

Conversions

Conversions Part 1

Format	Color
Hex	492237
RGB	73, 34, 55
RGB Percent	29%, 13%, 22%
CMY	0.7137, 0.8667, 0.7843
CMYK	0.00, 0.53, 0.25, 0.71
HSL	328°, 36%, 21%
HSV	328°, 53%, 29%
XYZ	4.0093, 2.8364, 3.9506
YIQ	48.0550, 16.5030, 14.7990

Conversions

Conversions Part 2

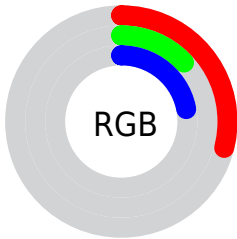
Format	Color
R_YB	73, 34, 55
Decimal	4792887
CIE _{Lab}	19.38, 21.57, -5.22
CIE _{LCh}	19, 22.189, 346.402
Yxy	2.8365, 0.3714, 0.2627
Android (android.graphics.Color)	4282982967 (0xFF492237)
YUV	48.0550, 3.4239, 21.8768
Hunter-Lab	16.8415, 13.0209, -2.1189

Details

The HunterLab color **16.8415, 13.0209, -2.1189** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **23.1369, -12.2360, 5.7167**, and the grayscale version is **17.1959, -0.9175, 0.9343**.

A 20% lighter version of the original color is **33.0266, 14.8176, -1.9563**, and **5.6167, 10.0489, 0.2947** is the 20% darker color. If you saturate the color by 10%, you get **15.5929, 15.5761, -2.3072**, and if you desaturate by 10%, it is **18.2554, 10.3353, -1.7318**.

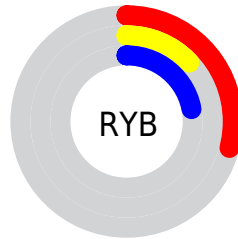
Distribution



Red (29%)

Green (13%)

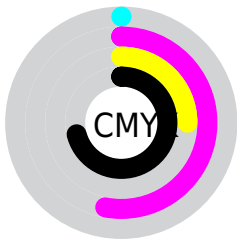
Blue (22%)



Red (29%)

Yellow (13%)

Blue (22%)

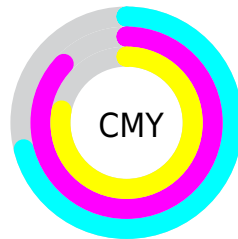


Cyan (0%)

Magenta (53%)

Yellow (25%)

Black (71%)



Cyan (71%)

Magenta (87%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.8415, 13.0209, -2.1189 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 16.8415, 13.0209, -2.1189 by changing the saturation by 10% instead.

■ 16.8415, 13.0209,
-2.1189

■ 16.8415, 13.0209,
-2.1189

■ 112.3670, 17.7455,
0.7367

■ 10.2322, 11.8796,
-2.0988

■ 32.9841, 14.8189,
-1.8892

0.0000, INF, -NF

0.0000, NaN, NaN

■ 42.3106, 15.5153,
-1.6677

0.0000, NaN, NaN

■ 52.3805, 16.1003,
-1.3867

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.1427, 16.5874,
-1.0523

0.0000, NaN, NaN

■ 74.5551, 16.9876,
-0.6694

0.0000, NaN, NaN

■ 86.5826, 17.3095,

0.0000, NaN, NaN

-0.2416

99.1953, 17.5602,
0.2280

16.8415, 13.0209,
-2.1189

16.8415, 13.0209,
-2.1189

15.5929, 15.5761,
-2.3072

18.2554, 10.3353,
-1.7318

14.5311, 17.8881,
-2.2582

19.8114, 7.6027,
-1.1862

13.6768, 19.8133,
-1.9408

21.4902, 4.8729,
-0.5156

12.9788, 21.4241,
-1.4307

23.2748, 2.1742,
0.2530

12.5100, 22.6109,
-1.1193

25.1511, -0.4802,
1.0985

■ 27.1075, -3.0859,
2.0049

■ 29.1344, -5.6439,
2.9603

■ 31.2237, -8.1577,
3.9559

■ 33.3690, -10.6321,
4.9848

Harmonies

Analogous

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



16.8419, 9.1192, -9.4903



16.8415, 13.0209, -2.1189



16.8419, 12.8146, 3.9349

Triad

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



16.8419, 13.0200, -2.1185



16.8419, -4.2790, 8.8057



16.8419, -8.6671, -10.1391

Complementary

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



16.8415, 13.0209, -2.1189



23.1369, -12.2360, 5.7167

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.



16.8419, -11.2729, -2.7898



16.8415, 13.0209, -2.1189



16.8419, -9.0144, 7.2183

Square

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



16.8419, 13.0200, -2.1185



16.8419, 2.1346, 8.8749



16.8419, -11.3896, 3.4747



16.8419, -3.7331, -15.1751

Rectangle

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



16.8415, 13.0209, -2.1189



16.8419, 10.3620, 6.5476



16.8419, -11.3896, 3.4747



16.8419, -9.8093, -7.7546

Sweetspot

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



16.8419, 13.0200, -2.1185



29.5318, 3.9414, -0.0012



15.3083, 10.1490, -14.8027



15.1324, 2.2088, -0.0510



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



16.8419, 13.0200, -2.1185



19.8478, 21.2115, -3.0176



16.3943, 10.9143, 4.2709



12.3512, 0.4483, 0.3349



17.1470, 30.8933, -0.7693



42.1104, 75.4637, 1.2543

Inverse Universe

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



16.8419, 13.0200, -2.1185



19.8478, 21.2115, -3.0176



23.5814, -9.6172, -0.6471



12.3512, 0.4483, 0.3349



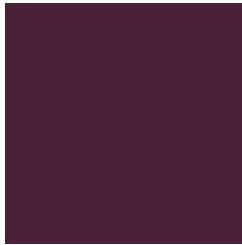
17.1470, 30.8933, -0.7693



42.1104, 75.4637, 1.2543

Previews

White Background



This preview shows how the HunterLab color 16.8415, 13.0209, -2.1189 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

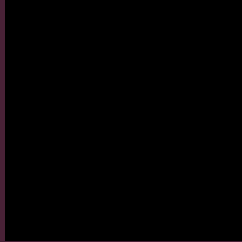
Any Text WCAG AA × Fail

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 16.8415, 13.0209, -2.1189 Background



This preview shows how black text looks on a background with the HunterLab color 16.8415, 13.0209, -2.1189.



This preview shows how white text looks on a background with the HunterLab color 16.8415, 13.0209, -2.1189.

-2.1189.

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

16.8415, 13.0209, -2.1189

Protanopia

17.0786, 0.8214, -6.3008

Deuteranopia

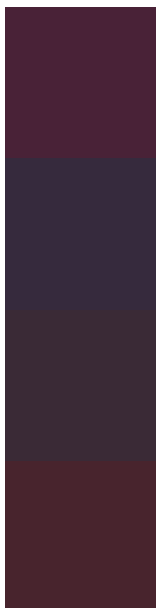
16.9975, 1.0764, -1.2561



Tritanopia

16.8939, 9.7097, 3.5346

Trichromacy



Original Color

16.8415, 13.0209, -2.1189

Protanomaly

16.6647, 5.0228, -5.3507

Deuteranomaly

16.7982, 5.0183, -1.8793

Tritanomaly

16.8194, 10.6505, 1.7990

Monochromacy



Original Color

16.8415, 13.0209, -2.1189

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

16.8423, 3.8976, -0.5791

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.8415, 13.0209, -2.1189 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(73, 34, 55)` looks like.

```
.text, #text, p{  
    color:rgb(73, 34, 55)  
}
```

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(73, 34, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 34, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 16.8415, 13.0209, -2.1189 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(73, 34, 55) }
```


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

```
.border{ border-color:rgb(73, 34, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 34, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 34, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 34, 55);  
box-shadow:4px 4px 4px 4px rgb(73, 34, 55)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.8415, 13.0209, -2.1189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 34, 55) }
```

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

```
.background{ background-color: rgb(73, 34,  
55) }
```

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