

Converting Colors

HunterLab(16.8239, 12.4601,
2.9201)

Have a look what the booklet for
HunterLab(16.8239, 12.4601,
2.9201) contains.

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Color

**HunterLab(16.8752, 12.4663,
2.9205)**

Conversions

Conversions Part 1	
Format	Color
Hex	4C222A
RGB	76, 34, 42
RGB Percent	30%, 13%, 16%
CMY	0.7020, 0.8667, 0.8353
CMYK	0.00, 0.55, 0.45, 0.70
HSL	349°, 38%, 22%
HSV	349°, 55%, 30%
XYZ	3.9704, 2.8477, 2.5309
YIQ	47.4700, 22.4640, 11.3920

Conversions

Conversions Part 2

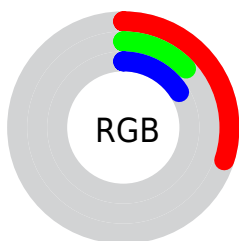
Format	Color
RYB	76, 34, 42
Decimal	4989482
CIELab	19.42, 20.80, 4.00
CIELCh	19, 21.180, 10.880
Yxy	2.8479, 0.4247, 0.3046
Android (android.graphics.Color)	4283179562 (0xFF4C222A)
YUV	47.4700, -2.6967, 25.0208
Hunter-Lab	16.8752, 12.4663, 2.9205

Details

The HunterLab color **16.8752, 12.4663, 2.9205** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **24.3442, -11.1636, 1.4852**, and the grayscale version is **17.0198, -0.9081, 0.9247**.

A 20% lighter version of the original color is **33.0718, 14.1321, 4.4611**, and **5.5612, 9.5631, 3.2880** is the 20% darker color. If you saturate the color by 10%, you get **15.5554, 14.9490, 3.5315**, and if you desaturate by 10%, it is **18.3822, 9.8883, 2.4274**.

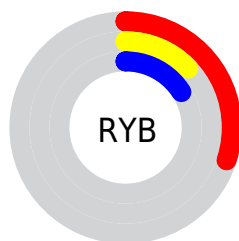
Distribution



Red (30%)

Green (13%)

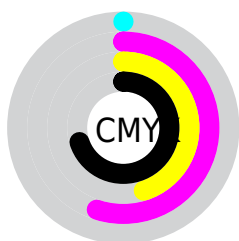
Blue (16%)



Red (30%)

Yellow (13%)

Blue (16%)

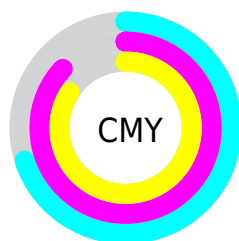


Cyan (0%)

Magenta (55%)

Yellow (45%)

Black (70%)



Cyan (70%)


Magenta (87%)


Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 16.8752, 12.4663, 2.9205 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 16.8752, 12.4663, 2.9205 by changing the saturation by 10% instead.

 16.8752, 12.4663,
2.9205

 16.8752, 12.4663,
2.9205


112.4305, 16.8691,
10.0712

 10.2608, 11.3646,
2.2335


 33.0263, 14.1825,
4.3631

0.0000, INF, NaN

0.0000, NaN, NaN


 42.3564, 14.8402,
5.1110

0.0000, NaN, NaN


 52.4297, 15.3881,
5.8804

0.0000, NaN, NaN

0.0000, NaN, NaN

 63.1951, 15.8398,
6.6725

0.0000, NaN, NaN


 74.6105, 16.2060,
7.4877


0.0000, NaN, NaN


 86.6408, 16.4951,


0.0000, NaN, NaN

8.3260

 99.2561, 16.7142,
9.1872


 16.8752, 12.4663,
2.9205


 16.8752, 12.4663,
2.9205


 15.5554, 14.9490,
3.5315


 18.3822, 9.8883,
2.4274

 14.4491, 17.2168,
4.2482


 20.0483, 7.2994,
2.0485


 13.5815, 19.1128,
5.0391

 21.8504, 4.7454,
1.7741

 12.8701, 20.8028,
5.7774

 23.7686, 2.2490,
1.5914

 12.5280, 21.7180,
6.0531

 25.7866, -0.1820,
1.4876

■ 27.8910, -2.5483,
1.4509

■ 30.0711, -4.8547,
1.4712

■ 32.3180, -7.1079,
1.5398

■ 34.6246, -9.3149,
1.6497

Harmonies

Analogous

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



16.8756, 11.8957, -3.2316



16.8752, 12.4663, 2.9205



16.8756, 9.0849, 6.7802

Triad

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



16.8756, 12.4653, 2.9208



16.8756, -8.0126, 7.4375



16.8756, -4.6294, -13.6821

Complementary

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



16.8752, 12.4663, 2.9205



24.3442, -11.1636, 1.4852

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.



16.8756, -8.9980, -8.3101



16.8752, 12.4663, 2.9205



16.8756, -10.7477, 4.2254

Square

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



16.8756, 12.4653, 2.9208



16.8756, -3.0918, 8.6958



16.8756, -11.0803, -1.3637



16.8756, 1.4068, -14.4324

Rectangle

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



16.8752, 12.4663, 2.9205



16.8756, 5.2971, 8.1232



16.8756, -11.0803, -1.3637



16.8756, -6.3169, -12.2853

Sweetspot

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



16.8756, 12.4653, 2.9208



30.7620, 3.7487, 2.1485



16.9724, 14.8141, -13.1677



15.6474, 2.0785, 1.1118



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



16.8756, 12.4653, 2.9208



20.0280, 20.7518, 4.9566



19.1137, 6.4272, 7.1953



13.0675, 0.3328, 0.7890



16.9507, 29.3146, 8.7361



41.1340, 70.8799, 23.1946

Inverse Universe

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



16.8756, 12.4653, 2.9208



20.0280, 20.7518, 4.9566



21.1222, -5.1546, -6.2675



13.0675, 0.3328, 0.7890



16.9507, 29.3146, 8.7361



41.1340, 70.8799, 23.1946

Previews

White Background



This preview shows how the HunterLab color 16.8752, 12.4663, 2.9205 looks on a white background.

Color Contrast Check

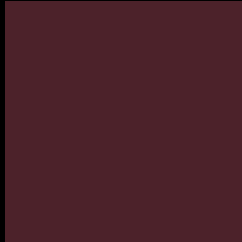
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 16.8752, 12.4663, 2.9205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

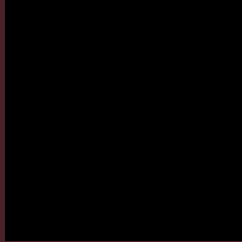
Any Text WCAG AA × Fail

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 16.8752, 12.4663, 2.9205 Background



This preview shows how black text looks on a background with the HunterLab color 16.8752, 12.4663, 2.9205.

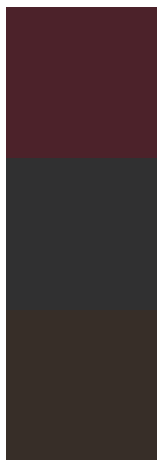


This preview shows how white text looks on a background with the HunterLab color 16.8752, 12.4663,

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

16.8752, 12.4663, 2.9205

Protanopia

17.2164, -0.7845, 0.5881

Deuteranopia

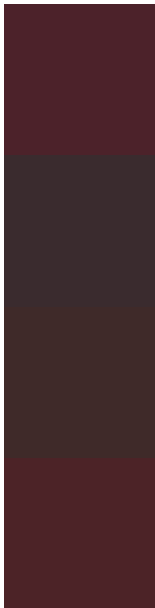
17.0863, 0.7665, 3.5759



Tritanopia

16.9474, 11.5820, 4.5224

Trichromacy



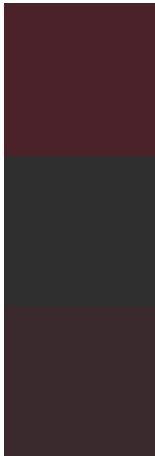
Original Color
16.8752, 12.4663, 2.9205

Protanomaly
16.8064, 3.5344, 1.2993

Deuteranomaly
16.9493, 4.8618, 3.1908

Tritanomaly
16.9854, 11.7623, 3.9721

Monochromacy



Original Color
16.8752, 12.4663, 2.9205

Achromatopsia
16.8600, -0.8996, 0.9160

Achromatomaly
16.5678, 3.8294, 1.3917

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.8752, 12.4663, 2.9205 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(76, 34, 42)` looks like.

```
.text, #text, p{  
    color:rgb(76, 34, 42)  
}
```

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(76, 34, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 34, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 16.8752, 12.4663, 2.9205 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(76, 34, 42) }
```


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

```
.border{ border-color:rgb(76, 34, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 34, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 34, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 34, 42);  
box-shadow:4px 4px 4px 4px rgb(76, 34, 42)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.8752, 12.4663, 2.9205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 34, 42) }
```

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

```
.background{ background-color: rgb(76, 34,  
42) }
```

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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