

Converting Colors

HunterLab(16.8746, 13.7968,
1.6729)

Have a look what the booklet for
HunterLab(16.8746, 13.7968,
1.6729) contains.

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Color

**HunterLab(16.9197, 13.6193,
1.6067)**

Conversions

Conversions Part 1

Format	Color
Hex	4D212E
RGB	77, 33, 46
RGB Percent	30%, 13%, 18%
CMY	0.6980, 0.8706, 0.8196
CMYK	0.00, 0.57, 0.40, 0.70
HSL	342°, 40%, 22%
HSV	342°, 57%, 30%
XYZ	4.0976, 2.8628, 2.9214
YIQ	47.6380, 22.0510, 13.3710

Conversions

Conversions Part 2

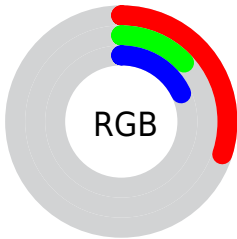
Format	Color
RYB	77, 33, 46
Decimal	5054766
CIELab	19.49, 22.36, 1.31
CIElCh	19, 22.402, 3.349
Yxy	2.8629, 0.4147, 0.2897
Android (android.graphics.Color)	4283244846 (0xFF4D212E)
YUV	47.6380, -0.8075, 25.7505
Hunter-Lab	16.9197, 13.6193, 1.6067

Details

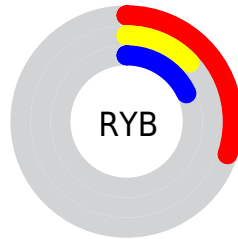
The HunterLab color **16.9197, 13.6193, 1.6067** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **24.4976, -12.2194, 3.1412**, and the grayscale version is **17.0697, -0.9108, 0.9274**.

A 20% lighter version of the original color is **33.0966, 15.5907, 2.5284**, and **5.8504, 10.0565, 3.4900** is the 20% darker color. If you saturate the color by 10%, you get **15.6308, 16.1279, 2.1032**, and if you desaturate by 10%, it is **18.4010, 10.9681, 1.2798**.

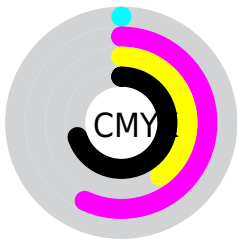
Distribution



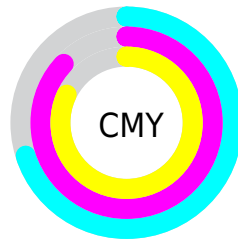
- Red (30%)
- Green (13%)
- Blue (18%)



- Red (30%)
- Yellow (13%)
- Blue (18%)



- Cyan (0%)
- Magenta (57%)
- Yellow (40%)
- Black (70%)



- Cyan (70%)
- Magenta (87%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.9197, 13.6193, 1.6067 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 16.9197, 13.6193, 1.6067 by changing the saturation by 10% instead.

■ 16.9197, 13.6193,
1.6067

■ 16.9197, 13.6193,
1.6067

■ 112.5142, 18.6607,
7.4346

■ 10.2985, 12.4404,
1.1371

■ 33.0820, 15.4959,
2.6653

0.0000, INF, NaN

0.0000, NaN, NaN

■ 42.4169, 16.2302,
3.2501

0.0000, NaN, NaN

■ 52.4947, 16.8517,
3.8695

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.2641, 17.3740,
4.5220

0.0000, NaN, NaN

■ 74.6835, 17.8080,
5.2059

0.0000, NaN, NaN

■ 86.7175, 18.1626,

0.0000, NaN, NaN

5.9201

99.3364, 18.4448,
6.6634

16.9197, 13.6193,
1.6067

16.9197, 13.6193,
1.6067

15.6308, 16.1279,
2.1032

18.4010, 10.9681,
1.2798

14.5598, 18.3627,
2.7703

20.0467, 8.2718,
1.1066

13.7299, 20.1614,
3.5884

21.8333, 5.5869,
1.0672

13.0108, 21.8533,
4.3870

23.7404, 2.9443,
1.1413

12.8009, 22.3974,
4.5867

25.7511, 0.3573,
1.3102

■ 27.8515, -2.1709,
1.5584

■ 30.0303, -4.6429,
1.8726

■ 32.2783, -7.0638,
2.2425

■ 34.5879, -9.4399,
2.6593

Harmonies

Analogous

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



16.9201, 11.9091, -5.3931



16.9197, 13.6193, 1.6067



16.9201, 10.9738, 6.2784

Triad

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



16.9201, 13.6183, 1.6071



16.9201, -7.2942, 8.1907



16.9201, -6.1977, -13.6945

Complementary

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



16.9197, 13.6193, 1.6067



24.4976, -12.2194, 3.1412

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.



16.9201, -10.2033, -7.0917



16.9197, 13.6193, 1.6067



16.9201, -10.7654, 5.4674

Square

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



16.9201, 13.6183, 1.6071



16.9201, -1.6343, 9.0921



16.9201, -11.7438, 0.2050



16.9201, -0.1605, -15.9683

Rectangle

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



16.9197, 13.6193, 1.6067



16.9201, 7.3028, 7.9963



16.9201, -11.7438, 0.2050



16.9201, -7.7937, -11.8096

Sweetspot

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



16.9201, 13.6183, 1.6071



30.8089, 3.9973, 1.4793



16.4530, 14.4400, -14.9105



15.6727, 2.2121, 0.7512



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.



16.9201, 13.6183, 1.6071



19.7207, 22.3335, 3.0914



18.2470, 8.7244, 6.7206



13.0767, 0.3826, 0.6576



17.0857, 29.8123, 6.7567



41.4189, 71.9329, 18.9990

Inverse Universe

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



16.9201, 13.6183, 1.6071



19.7207, 22.3335, 3.0914



22.4003, -6.9586, -4.9028



13.0767, 0.3826, 0.6576



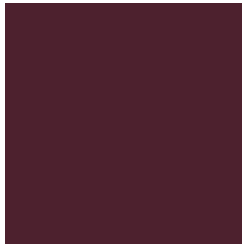
17.0857, 29.8123, 6.7567



41.4189, 71.9329, 18.9990

Previews

White Background



This preview shows how the HunterLab color 16.9197, 13.6193, 1.6067 looks on a white background.

Color Contrast Check

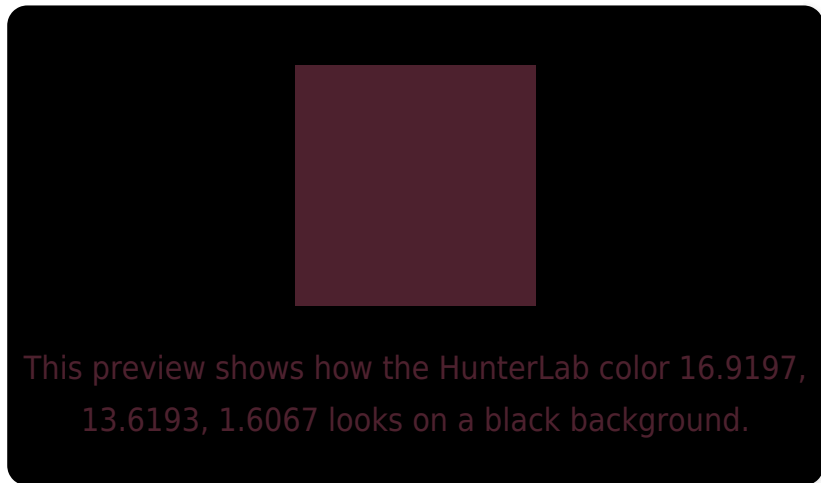
Large Text (above 18pt) WCAG AA ✓ Pass

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

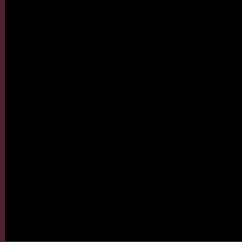
Any Text WCAG AA × Fail

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 16.9197, 13.6193, 1.6067 Background



This preview shows how black text looks on a background with the HunterLab color 16.9197, 13.6193, 1.6067.



This preview shows how white text looks on a background with the HunterLab color 16.9197, 13.6193,

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

16.9197, 13.6193, 1.6067

Protanopia

17.3034, -0.1706, -1.7255

Deuteranopia

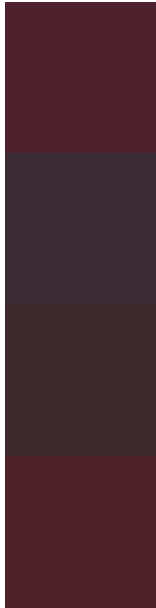
17.0883, 0.9410, 2.2786



Tritanopia

16.9474, 11.5820, 4.5224

Trichromacy



Original Color

16.9197, 13.6193, 1.6067

Protanomaly

16.9565, 4.3138, -0.8357

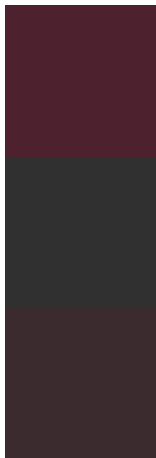
Deuteranomaly

16.7316, 5.4262, 1.6075

Tritanomaly

16.8338, 12.2720, 3.5172

Monochromacy



Original Color

16.9197, 13.6193, 1.6067

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

16.9198, 3.9449, 1.0711

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.9197, 13.6193, 1.6067 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(77, 33, 46)` looks like.

```
.text, #text, p{  
    color:rgb(77, 33, 46)  
}
```

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(77, 33, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 33, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 16.9197, 13.6193, 1.6067 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(77, 33, 46) }
```


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

```
.border{ border-color:rgb(77, 33, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 33, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 33, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 33, 46);  
box-shadow:4px 4px 4px 4px rgb(77, 33, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.9197, 13.6193, 1.6067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 33, 46) }
```

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

```
.background{ background-color: rgb(77, 33,  
46) }
```

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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