

Converting Colors

HunterLab(15.6778, 21.8704,
-4.9384)

Have a look what the booklet for
HunterLab(15.6778, 21.8704,
-4.9384) contains.

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Color

**HunterLab(15.7716, 21.8967,
-4.9467)**

Conversions

Conversions Part 1

Format	Color
Hex	51123A
RGB	81, 18, 58
RGB Percent	32%, 7%, 23%
CMY	0.6824, 0.9294, 0.7725
CMYK	0.00, 0.78, 0.28, 0.68
HSL	322°, 64%, 19%
HSV	322°, 78%, 32%
XYZ	4.3734, 2.4874, 4.2526
YIQ	41.3970, 24.7080, 25.7960

Conversions

Conversions Part 2

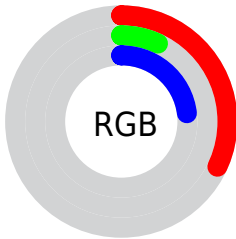
Format	Color
R_{YB}	81, 18, 58
Decimal	5313082
CIE _{Lab}	17.86, 33.21, -9.47
CIE _{LCh}	18, 34.537, 344.079
Yxy	2.4876, 0.3935, 0.2238
Android (android.graphics.Color)	4283503162 (0xFF51123A)
YUV	41.3970, 8.1853, 34.7318
Hunter-Lab	15.7716, 21.8967, -4.9467




Details

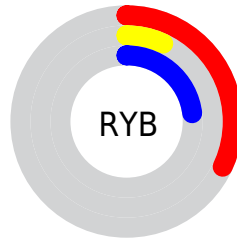
The HunterLab color **15.7716, 21.8967, -4.9467** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **24.8468, -17.6750, 9.9944**, and the grayscale version is **14.9891, -0.7998, 0.8144**.




A 20% lighter version of the original color is **31.6556, 24.8420, -5.0906**, and **6.2595, 11.2706, -0.2264** is the 20% darker color. If you saturate the color by 10%, you get **14.9686, 23.7883, -4.6980**, and if you desaturate by 10%, it is **16.8202, 19.4468, -4.8360**.

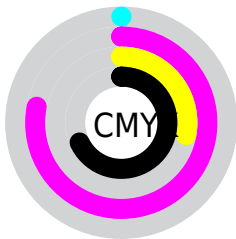
Distribution







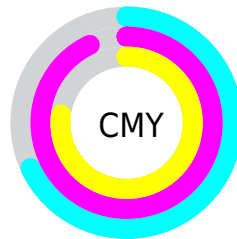
-  Red (32%)
-  Green (7%)
-  Blue (23%)






-  Red (32%)
-  Yellow (7%)
-  Blue (23%)



-  Cyan (0%)
-  Magenta (78%)
-  Yellow (28%)
-  Black (68%)












-  Cyan (68%)
-  Magenta (93%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.7716, 21.8967, -4.9467 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 15.7716, 21.8967, -4.9467 by changing the saturation by 10% instead.

 15.7716, 21.8967, -4.9467	 15.7716, 21.8967, -4.9467
110.3371, 31.2602, -3.9010	 9.3295, 20.3222, -4.6858
 31.6403, 24.8003, -5.1887	0.0000, INF, -NF
	0.0000, NaN, NaN
 40.8488, 26.0516, -5.1862	0.0000, NaN, NaN
	0.0000, NaN, NaN
 50.8097, 27.1760, -5.1132	0.0000, NaN, NaN
	0.0000, NaN, NaN
 61.4700, 28.1848, -4.9769	0.0000, NaN, NaN
	0.0000, NaN, NaN
 72.7863, 29.0888, -4.7832	0.0000, NaN, NaN
	0.0000, NaN, NaN
 84.7227, 29.8974,	0.0000, NaN, NaN

-4.5368

97.2485, 30.6189,
-4.2416

15.7716, 21.8967,
-4.9467

15.7716, 21.8967,
-4.9467

14.9686, 23.7883,
-4.6980

16.8202, 19.4468,
-4.8360

14.2730, 25.4804,
-4.2965

18.0950, 16.6135,
-4.4107

14.1143, 25.8914,
-4.2144

19.5720, 13.5519,
-3.7281

21.2256, 10.3816,
-2.8459

23.0320, 7.1826,
-1.8131

■ 24.9699, 4.0030,
-0.6684

■ 27.0214, 0.8681,
0.5598

■ 29.1717, -2.2112,
1.8505

■ 31.4084, -5.2328,
3.1891

Harmonies

Analogous

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



15.7720, 14.6657, -18.4202



15.7716, 21.8967, -4.9467



15.7720, 22.1342, 4.6518

Triad

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



15.7720, 21.8956, -4.9462



15.7720, -5.2021, 11.0404



15.7720, -12.3000, -17.5935

Complementary

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



15.7716, 21.8967, -4.9467



24.8468, -17.6750, 9.9944

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.



15.7720, -15.3617, -4.1997



15.7716, 21.8967, -4.9467



15.7720, -12.0004, 9.4671

Square

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



15.7720, 21.8956, -4.9462



15.7720, 4.7139, 11.0404



15.7720, -15.2676, 5.0545



15.7720, -5.7222, -28.2767

Rectangle

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



15.7716, 21.8967, -4.9467



15.7720, 18.1755, 8.0324



15.7720, -15.2676, 5.0545



15.7720, -13.6934, -12.9931

Sweetspot

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



15.7720, 21.8956, -4.9462



31.0286, 7.7114, -1.7855



12.1614, 16.5667, -30.1684



15.5176, 4.4015, -1.0766



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



15.7720, 21.8956, -4.9462



18.8819, 32.4522, -5.5021



15.0443, 18.9115, 5.4057



13.8623, 0.6026, 0.2270



18.3682, 33.6219, -4.9199



43.9102, 80.0185, -8.9969

Inverse Universe

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



15.7720, 21.8956, -4.9462



18.8819, 32.4522, -5.5021



25.4471, -14.0398, 1.3285



13.8623, 0.6026, 0.2270



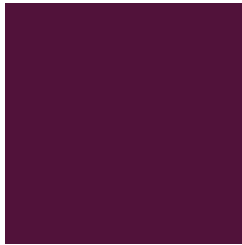
18.3682, 33.6219, -4.9199



43.9102, 80.0185, -8.9969

Previews

White Background



This preview shows how the HunterLab color 15.7716, 21.8967, -4.9467 looks on a white background.

Color Contrast Check

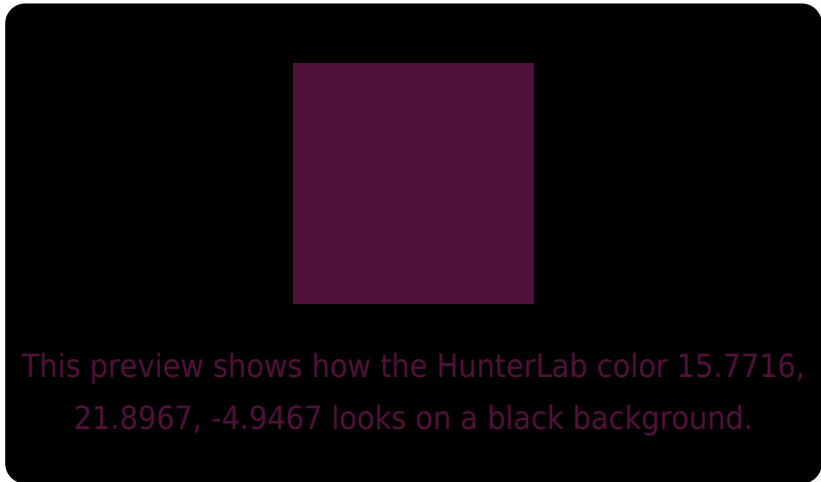
Large Text (above 18pt) WCAG AA ✓ Pass

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

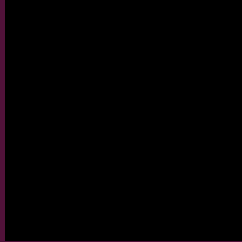
Any Text WCAG AA × Fail

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 15.7716, 21.8967, -4.9467 Background



This preview shows how black text looks on a background with the HunterLab color 15.7716, 21.8967, -4.9467.



This preview shows how white text looks on a background with the HunterLab color 15.7716, 21.8967, -4.9467.

-4.9467.

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

15.7716, 21.8967, -4.9467

Protanopia

16.4868, 2.3144, -15.7210

Deuteranopia

16.5331, 0.8080, -2.7600



Tritanopia

16.0670, 14.7827, 5.8698

Trichromacy



Original Color

15.7716, 21.8967, -4.9467

Protanomaly

15.1986, 8.6946, -13.7374

Deuteranomaly

15.5480, 8.5930, -4.5362

Tritanomaly

15.8491, 17.5155, 2.5630

Monochromacy



Original Color

15.7716, 21.8967, -4.9467

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

14.6072, 7.2827, -1.7875

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.7716, 21.8967, -4.9467 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(81, 18, 58)` looks like.

```
.text, #text, p{  
    color:rgb(81, 18, 58)  
}
```

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(81, 18, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 18, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 15.7716, 21.8967, -4.9467 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(81, 18, 58) }
```


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

```
.border{ border-color:rgb(81, 18, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 18, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 18, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 18, 58);  
box-shadow:4px 4px 4px 4px rgb(81, 18, 58)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.7716, 21.8967, -4.9467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 18, 58) }
```

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

```
.background{ background-color: rgb(81, 18,  
58) }
```

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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