

Converting Colors

HunterLab(16.3783, 15.9017,
-7.5594)

Have a look what the booklet for
HunterLab(16.3783, 15.9017,
-7.5594) contains.

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Color

**HunterLab(16.3949, 15.8488,
-7.7057)**

Conversions

Conversions Part 1

Format	Color
Hex	481E41
RGB	72, 30, 65
RGB Percent	28%, 12%, 25%
CMY	0.7176, 0.8823, 0.7451
CMYK	0.00, 0.58, 0.10, 0.72
HSL	310°, 41%, 20%
HSV	310°, 58%, 28%
XYZ	4.0909, 2.6879, 5.3043
YIQ	46.5480, 13.7970, 19.7890

Conversions

Conversions Part 2

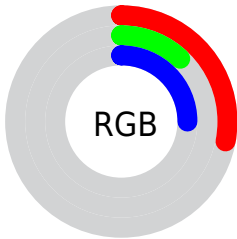
Format	Color
RYB	72, 30, 65
Decimal	4726337
CIELab	18.75, 25.45, -13.13
CIELCh	19, 28.637, 332.703
Yxy	2.6881, 0.3386, 0.2225
Android (android.graphics.Color)	4282916417 (0xFF481E41)
YUV	46.5480, 9.0968, 22.3214
Hunter-Lab	16.3949, 15.8488, -7.7057

Details

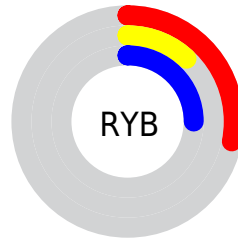
The HunterLab color **16.3949, 15.8488, -7.7057** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **22.4598, -13.9771, 8.9740**, and the grayscale version is **16.6783, -0.8899, 0.9062**.

A 20% lighter version of the original color is **32.4017, 18.1700, -8.3033**, and **5.6839, 10.8223, -4.7637** is the 20% darker color. If you saturate the color by 10%, you get **15.3316, 18.5145, -8.8712**, and if you desaturate by 10%, it is **17.6330, 12.9722, -6.3429**.

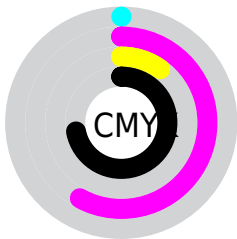
Distribution



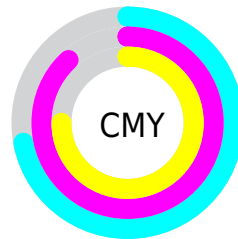
- Red (28%)
- Green (12%)
- Blue (25%)



- Red (28%)
- Yellow (12%)
- Blue (25%)



- Cyan (0%)
- Magenta (58%)
- Yellow (10%)
- Black (72%)



- Cyan (72%)
- Magenta (88%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.3949, 15.8488, -7.7057 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 16.3949, 15.8488, -7.7057 by changing the saturation by 10% instead.

■ 16.3949, 15.8488,
-7.7057

■ 16.3949, 15.8488,
-7.7057

■ 111.5235, 22.1991,
-7.9392

■ 9.8546, 14.5207,
-7.3311

■ 32.4244, 18.0532,
-8.2437

0.0000, INF, -NF

0.0000, NaN, NaN

■ 41.7022, 18.9451,
-8.3928

0.0000, NaN, NaN

■ 51.7270, 19.7179,
-8.4686

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.4470, 20.3853,
-8.4771

0.0000, NaN, NaN

■ 73.8197, 20.9586,
-8.4240

0.0000, NaN, NaN

■ 85.8095, 21.4471,

0.0000, NaN, NaN

-8.3140

98.3862, 21.8585,
-8.1512

16.3949, 15.8488,
-7.7057

16.3949, 15.8488,
-7.7057

15.3316, 18.5145,
-8.8712

17.6330, 12.9722,
-6.3429

14.4605, 20.8363,
-9.7668

19.0244, 9.9936,
-4.8486

13.7891, 22.6894,
-10.3330

20.5502, 6.9868,
-3.2718

13.1613, 24.5244,
-10.8441

22.1925, 3.9979,
-1.6474

13.0536, 24.8539,
-10.9381

23.9362, 1.0528,
0.0015

■ 25.7682, -1.8366,
1.6603

■ 27.6777, -4.6671,
3.3207

■ 29.6558, -7.4403,
4.9779

■ 31.6949, -10.1606,
6.6296

Harmonies

Analogous

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



16.3953, 8.6658, -17.7049



16.3949, 15.8488, -7.7057



16.3953, 18.2991, 1.5923

Triad

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



16.3953, 15.8481, -7.7052



16.3953, -1.6215, 10.5362



16.3953, -12.2573, -9.6079

Complementary

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



16.3949, 15.8488, -7.7057



22.4598, -13.9771, 8.9740

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.



16.3953, -13.9630, 0.1603



16.3949, 15.8488, -7.7057



16.3953, -8.6362, 9.3965

Square

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



16.3953, 15.8481, -7.7052



16.3953, 7.1015, 9.7380



16.3953, -12.7815, 6.4386



16.3953, -7.5698, -19.1352

Rectangle

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



16.3949, 15.8488, -7.7057



16.3953, 16.5918, 5.7361



16.3953, -12.7815, 6.4386



16.3953, -13.1509, -6.1127

Sweetspot

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



16.3953, 15.8481, -7.7052



29.4250, 5.0211, -2.0334



13.3787, 8.5691, -18.7765



15.0951, 2.7642, -1.1447



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.



16.3953, 15.8481, -7.7052



19.6802, 25.8677, -12.2838



15.7742, 13.0364, 0.9912



12.3762, 0.5828, -0.0205



18.1677, 34.5396, -14.8244



44.7238, 84.8178, -34.8734

Inverse Universe

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



16.3953, 15.8481, -7.7052



19.6802, 25.8677, -12.2838



22.8393, -11.7031, 3.4766



12.3762, 0.5828, -0.0205



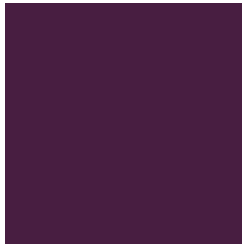
18.1677, 34.5396, -14.8244



44.7238, 84.8178, -34.8734

Previews

White Background



This preview shows how the HunterLab color 16.3949, 15.8488, -7.7057 looks on a white background.

Color Contrast Check

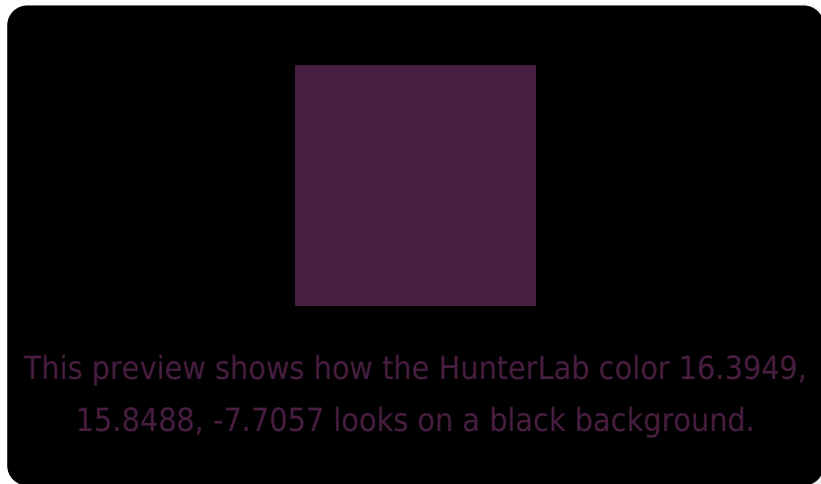
Large Text (above 18pt) WCAG AA ✓ Pass

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

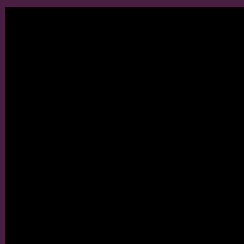
Any Text WCAG AA × Fail

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 16.3949, 15.8488, -7.7057 Background



This preview shows how black text looks on a background with the HunterLab color 16.3949, 15.8488, -7.7057.



This preview shows how white text looks on a background with the HunterLab color 16.3949, 15.8488, -7.7057.

-7.7057.

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

16.3949, 15.8488, -7.7057

Protanopia

16.5836, 2.6316, -15.5044

Deuteranopia

16.7154, 0.6631, -5.8538



Tritanopia

16.5373, 8.6438, 3.4599

Trichromacy



Original Color

16.3949, 15.8488, -7.7057

Protanomaly

16.1337, 6.4365, -13.1100

Deuteranomaly

16.2276, 5.9671, -7.0779

Tritanomaly

16.3081, 11.2073, 0.0789

Monochromacy



Original Color

16.3949, 15.8488, -7.7057

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

16.4103, 4.8895, -2.4119

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.3949, 15.8488, -7.7057 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(72, 30, 65)` looks like.

```
.text, #text, p{  
    color:rgb(72, 30, 65)  
}
```

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(72, 30, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 30, 65) }
```

Border

The CSS property to change the border of an element to HunterLab 16.3949, 15.8488, -7.7057 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(72, 30, 65) }
```


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

```
.border{ border-color:rgb(72, 30, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 30, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 30, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 30, 65);  
box-shadow:4px 4px 4px 4px rgb(72, 30, 65)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.3949, 15.8488, -7.7057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 30, 65) }
```

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

```
.background{ background-color: rgb(72, 30,  
65) }
```

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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