

Converting Colors

HunterLab(16.1499, 15.4043,
-4.7156)

Have a look what the booklet for
HunterLab(16.1499, 15.4043,
-4.7156) contains.

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Color

**HunterLab(16.1266, 15.5077,
-4.5084)**

Conversions

Conversions Part 1

Format	Color
Hex	491D3A
RGB	73, 29, 58
RGB Percent	29%, 11%, 23%
CMY	0.7137, 0.8863, 0.7725
CMYK	0.00, 0.60, 0.21, 0.71
HSL	320°, 43%, 20%
HSV	320°, 60%, 29%
XYZ	3.9507, 2.6007, 4.2967
YIQ	45.4620, 16.9150, 18.3470

Conversions

Conversions Part 2

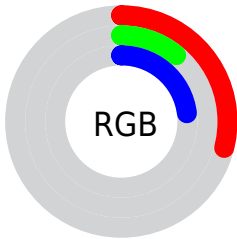
Format	Color
R_{YB}	73, 29, 58
Decimal	4791610
CIE _{Lab}	18.37, 25.06, -8.84
CIE _{LCh}	18, 26.574, 340.581
Yxy	2.6008, 0.3642, 0.2397
Android (android.graphics.Color)	4282981690 (0xFF491D3A)
YUV	45.4620, 6.1812, 24.1508
Hunter-Lab	16.1266, 15.5077, -4.5084




Details

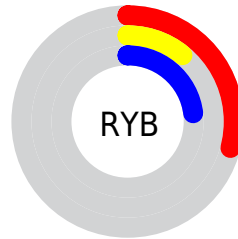
The HunterLab color **16.1266, 15.5077, -4.5084** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **22.8215, -13.7825, 7.6300**, and the grayscale version is **16.3281, -0.8712, 0.8871**.




A 20% lighter version of the original color is **32.0360, 17.6765, -4.6844**, and **5.4378, 9.9467, -1.4027** is the 20% darker color. If you saturate the color by 10%, you get **15.0324, 17.9943, -4.9326**, and if you desaturate by 10%, it is **17.4012, 12.7984, -3.8511**.

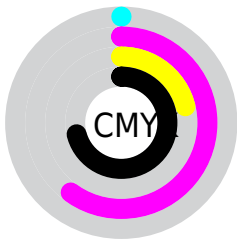
Distribution







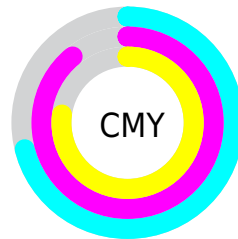
-  Red (29%)
-  Green (11%)
-  Blue (23%)






-  Red (29%)
-  Yellow (11%)
-  Blue (23%)



-  Cyan (0%)
-  Magenta (60%)
-  Yellow (21%)
-  Black (71%)



-  Cyan (71%)
-  Magenta (89%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.1266, 15.5077, -4.5084 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 16.1266, 15.5077, -4.5084 by changing the saturation by 10% instead.

■ 16.1266, 15.5077,
-4.5084

■ 16.1266, 15.5077,
-4.5084

■ 111.0142, 21.7408,
-3.1860

■ 9.6284, 14.1906,
-4.2796

■ 32.0873, 17.6863,
-4.6800

0.0000, INF, -NF

0.0000, NaN, NaN

■ 41.3355, 18.5647,
-4.6440

0.0000, NaN, NaN

■ 51.3330, 19.3240,
-4.5390

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.0274, 19.9780,
-4.3722

0.0000, NaN, NaN

■ 73.3759, 20.5382,
-4.1493

0.0000, NaN, NaN

■ 85.3428, 21.0138,

0.0000, NaN, NaN

-3.8748

97.8977, 21.4126,
-3.5526

16.1266, 15.5077,
-4.5084

16.1266, 15.5077,
-4.5084

15.0324, 17.9943,
-4.9326

17.4012, 12.7984,
-3.8511

14.1376, 20.1226,
-5.0729

18.8334, 9.9778,
-3.0144

13.4372, 21.8110,
-4.9211

20.4026, 7.1205,
-2.0430

12.7703, 23.5478,
-4.7580

22.0903, 4.2730,
-0.9722

23.8806, 1.4612,
0.1715

■ 25.7600, -1.3031,
1.3693

■ 27.7175, -4.0162,
2.6077

■ 29.7438, -6.6796,
3.8771

■ 31.8315, -9.2970,
5.1711

Harmonies

Analogous

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



16.1270, 9.8781, -13.7947



16.1266, 15.5077, -4.5084



16.1270, 16.3146, 3.2438

Triad

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



16.1270, 15.5069, -4.5079



16.1270, -3.4769, 9.8629



16.1270, -10.5898, -11.1503

Complementary

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



16.1266, 15.5077, -4.5084



22.8215, -13.7825, 7.6300

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.



16.1270, -12.9329, -1.9117



16.1266, 15.5077, -4.5084



16.1270, -9.3654, 8.3363

Square

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



16.1270, 15.5069, -4.5079



16.1270, 4.3319, 9.5904



16.1270, -12.5310, 4.8749



16.1270, -5.4706, -18.7066

Rectangle

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



16.1266, 15.5077, -4.5084



16.1270, 13.8732, 6.5016



16.1270, -12.5310, 4.8749



16.1270, -11.6807, -7.9975

Sweetspot

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



16.1270, 15.5069, -4.5079



29.1056, 4.9747, -1.0341



13.7406, 10.5942, -18.5464



14.8335, 2.8838, -0.6583



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.



16.1270, 15.5069, -4.5079



19.0080, 24.7168, -6.5489



15.5716, 12.9931, 3.3648



12.3614, 0.5029, 0.1907



17.5102, 32.2025, -5.8617



43.0246, 78.7671, -11.6260

Inverse Universe

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



16.1270, 15.5069, -4.5079



19.0080, 24.7168, -6.5489



23.2718, -11.0965, 1.1449



12.3614, 0.5029, 0.1907



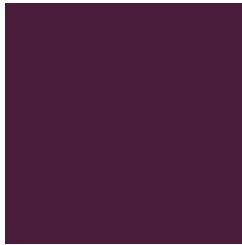
17.5102, 32.2025, -5.8617



43.0246, 78.7671, -11.6260

Previews

White Background



This preview shows how the HunterLab color 16.1266, 15.5077, -4.5084 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

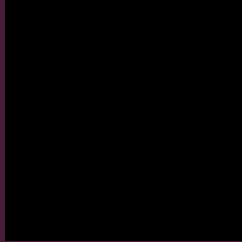
Any Text WCAG AA × Fail

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 16.1266, 15.5077, -4.5084 Background



This preview shows how black text looks on a background with the HunterLab color 16.1266, 15.5077, -4.5084.



This preview shows how white text looks on a background with the HunterLab color 16.1266, 15.5077, -4.5084.

-4.5084.

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

16.1266, 15.5077, -4.5084

Protanopia

16.4690, 1.6011, -10.6841

Deuteranopia

16.4930, 0.7309, -3.2741



Tritanopia

16.1778, 10.3560, 3.7355

Trichromacy



Original Color

16.1266, 15.5077, -4.5084

Protanomaly

15.8824, 6.1954, -9.3461

Deuteranomaly

15.9958, 5.9265, -4.3875

Tritanomaly

16.1251, 12.3253, 1.0237

Monochromacy



Original Color

16.1266, 15.5077, -4.5084

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

15.7910, 4.8848, -1.5143

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.1266, 15.5077, -4.5084 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, 29, 58)` looks like.

```
.text, #text, p{  
    color:rgb(73, 29, 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(73, 29, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 29, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 16.1266, 15.5077, -4.5084 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, 29, 58) }
```


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

```
.border{ border-color:rgb(73, 29, 58) }
```

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

Here you see how a box with a 4 pixel rgb(73, 29, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 29, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 29, 58);  
box-shadow:4px 4px 4px 4px rgb(73, 29, 58)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.1266, 15.5077, -4.5084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 29, 58) }
```

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

```
.background{ background-color: rgb(73, 29,  
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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