

Converting Colors

HunterLab(15.8683, 10.4972,
4.6753)

Have a look what the booklet for
HunterLab(15.8683, 10.4972,
4.6753) contains.

HunterLab(15.9283, 10.4168, 4.6415)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(15.9283, 10.4168,
4.6415)**

Conversions

Conversions Part 1

Format	Color
Hex	472121
RGB	71, 33, 33
RGB Percent	28%, 13%, 13%
CMY	0.7216, 0.8706, 0.8706
CMYK	0.00, 0.54, 0.54, 0.72
HSL	0°, 37%, 20%
HSV	0°, 54%, 28%
XYZ	3.4169, 2.5371, 1.7485
YIQ	44.3620, 22.6480, 8.0560

Conversions

Conversions Part 2

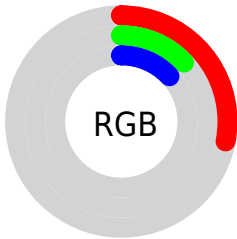
Format	Color
R_{YB}	71, 33, 33
Decimal	4661537
CIE _{Lab}	18.09, 18.10, 8.31
CIE _{LCh}	18, 19.914, 24.667
Yxy	2.5372, 0.4436, 0.3294
Android (android.graphics.Color)	4282851617 (0xFF472121)
YUV	44.3620, -5.6015, 23.3615
Hunter-Lab	15.9283, 10.4168, 4.6415

Details

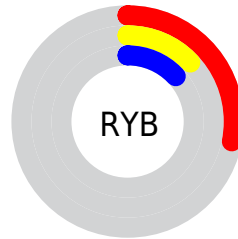
The HunterLab color **15.9283, 10.4168, 4.6415** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **22.9879, -9.0323, -1.3681**, and the grayscale version is **16.0022, -0.8538, 0.8694**.

A 20% lighter version of the original color is **31.8154, 12.1539, 6.7328**, and **4.1300, 7.0728, 2.6687** is the 20% darker color. If you saturate the color by 10%, you get **14.6568, 12.7269, 5.3245**, and if you desaturate by 10%, it is **17.3722, 8.0834, 3.9642**.

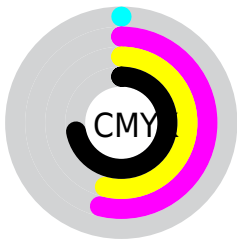
Distribution



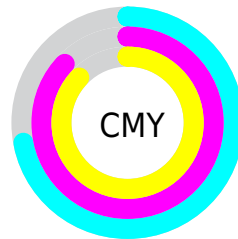
- Red (28%)
- Green (13%)
- Blue (13%)



- Red (28%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (54%)
- Yellow (54%)
- Black (72%)



- Cyan (72%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9283, 10.4168, 4.6415 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 15.9283, 10.4168, 4.6415 by changing the saturation by 10% instead.

■ 15.9283, 10.4168,
4.6415

■ 15.9283, 10.4168,
4.6415

■ 110.6364, 13.7959,
14.0268

■ 9.4616, 9.4373,
4.1563

■ 31.8378, 11.8803,
6.7532

0.0000, INF, NaN

0.0000, NaN, NaN

■ 41.0639, 12.4160,
7.7785

0.0000, NaN, NaN

■ 51.0410, 12.8462,
8.8006

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.7163, 13.1842,
9.8261

0.0000, NaN, NaN


■ 73.0469, 13.4407,
10.8592


0.0000, NaN, NaN


■ 84.9968, 13.6238,


0.0000, NaN, NaN

11.9025


 97.5355, 13.7404,
12.9579


 15.9283, 10.4168,
4.6415


 15.9283, 10.4168,
4.6415

 14.6568, 12.7269,
5.3245


 17.3722, 8.0834,
3.9642

 13.5832, 14.9161,
5.9807


 18.9621, 5.7905,
3.3105

 12.7327, 16.8444,
6.5655

 20.6766, 3.5679,
2.6893

 12.0400, 18.5692,
7.0935

 22.4973, 1.4269,
2.1031

 11.5744, 19.8196,
7.4791

 24.4092, -0.6327,
1.5507

■ 26.4003, -2.6165,
1.0295

■ 28.4607, -4.5326,
0.5359

■ 30.5824, -6.3897,
0.0665

■ 32.7589, -8.1961,
-0.3819

Harmonies

Analogous

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



15.9287, 11.6334, -0.1355



15.9283, 10.4168, 4.6415



15.9287, 6.0156, 7.2547

Triad

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



15.9287, 10.4158, 4.6418



15.9287, -8.8607, 5.8052



15.9287, -1.8593, -13.4475

Complementary

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



15.9283, 10.4168, 4.6415



22.9879, -9.0323, -1.3681

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.



15.9287, -6.7208, -10.2355



15.9283, 10.4168, 4.6415



15.9287, -10.3818, 1.8084

Square

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



15.9287, 10.4158, 4.6418



15.9287, -5.1823, 7.7447



15.9287, -9.6573, -4.1416



15.9287, 3.9996, -11.8579

Rectangle

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



15.9283, 10.4168, 4.6415



15.9287, 2.1604, 8.0331



15.9287, -9.6573, -4.1416



15.9287, -3.6536, -12.8675

Sweetspot

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



15.9287, 10.4158, 4.6418



28.5061, 2.7071, 2.9662



16.9772, 15.2873, -10.0896



14.3093, 1.4810, 1.5299



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



15.9287, 10.4158, 4.6418



18.6163, 17.4167, 7.1824



19.7620, 2.4589, 7.9034



12.3075, 0.2117, 0.9598



16.3652, 28.0240, 10.5747



40.4018, 69.1876, 26.1066

Inverse Universe

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



22.9879, -9.0323, -1.3681



29.5169, -13.1851, -2.2890



17.9840, -1.7698, -8.6023



12.9552, -1.5163, 0.4273



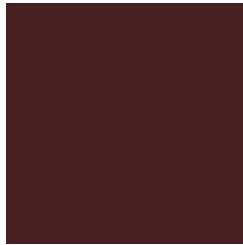
31.4923, -16.6946, -3.3238



77.7478, -41.2153, -8.2061

Previews

White Background



This preview shows how the HunterLab color 15.9283, 10.4168, 4.6415 looks on a white background.

Color Contrast Check

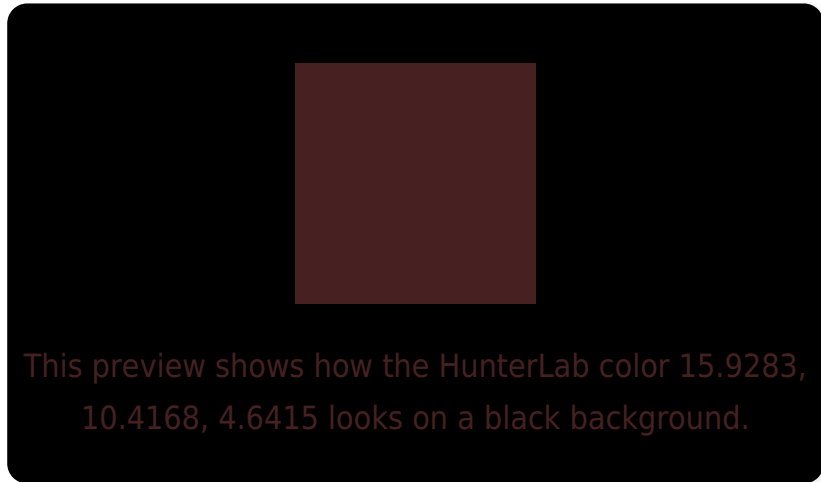
Large Text (above 18pt) WCAG AA ✓ Pass

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

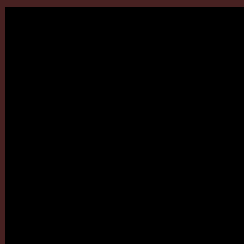
Any Text WCAG AA × Fail

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 15.9283, 10.4168, 4.6415 Background



This preview shows how black text looks on a background with the HunterLab color 15.9283, 10.4168, 4.6415.



This preview shows how white text looks on a background with the HunterLab color 15.9283, 10.4168,

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

15.9283, 10.4168, 4.6415

Protanopia

16.1897, -1.2032, 3.2394

Deuteranopia

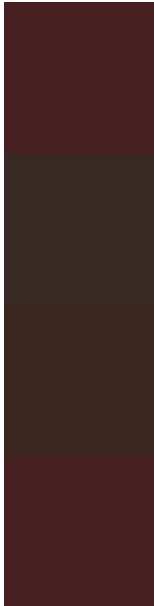
16.1584, 0.8038, 5.2142



Tritanopia

15.9645, 10.5894, 4.1172

Trichromacy



Original Color

15.9283, 10.4168, 4.6415

Protanomaly

15.9813, 2.6621, 3.7020

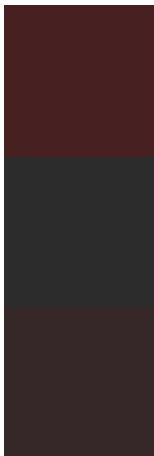
Deuteranomaly

15.8618, 4.3107, 4.7416

Tritanomaly

15.9462, 10.5019, 4.3829

Monochromacy



Original Color

15.9283, 10.4168, 4.6415

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

15.6686, 2.9187, 2.1097

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9283, 10.4168, 4.6415 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(71, 33, 33)` looks like.

```
.text, #text, p{  
    color:rgb(71, 33, 33)  
}
```

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(71, 33, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 33, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9283, 10.4168, 4.6415 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(71, 33, 33) }
```


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

```
.border{ border-color:rgb(71, 33, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 33, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 33, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 33, 33);  
box-shadow:4px 4px 4px 4px rgb(71, 33, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.9283, 10.4168, 4.6415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 33, 33) }
```

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

```
.background{ background-color: rgb(71, 33,  
33) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor