

Converting Colors

HunterLab(29.5307, 15.4226,
17.0480)

Have a look what the booklet for
HunterLab(29.5307, 15.4226,
17.0480) contains.

HunterLab(29.4239, 15.5103, 16.9728)	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(29.4239, 15.5103,
16.9728)**

Conversions

Conversions Part 1

Format	Color
Hex	804315
RGB	128, 67, 21
RGB Percent	50%, 26%, 8%
CMY	0.4980, 0.7372, 0.9176
CMYK	0.00, 0.48, 0.84, 0.50
HSL	26°, 72%, 29%
HSV	26°, 84%, 50%
XYZ	11.0446, 8.6577, 1.7985
YIQ	79.9950, 51.1220, -1.3740

Conversions

Conversions Part 2

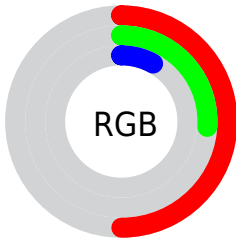
Format	Color
R_{YB}	128, 102, 21
Decimal	8405781
CIE Lab	35.32, 22.80, 37.54
CIE LCh	35, 43.922, 58.734
Yxy	8.6581, 0.5137, 0.4027
Android (android.graphics.Color)	4286595861 (0xFF804315)
YUV	79.9950, -29.0845, 42.1004
Hunter-Lab	29.4239, 15.5103, 16.9728

Details

The HunterLab color **29.4239, 15.5103, 16.9728** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **27.8426, -2.4200, -26.3739**, and the grayscale version is **28.4108, -1.5159, 1.5436**.

A 20% lighter version of the original color is **48.1897, 16.7770, 23.2594**, and **14.1078, 13.7066, 8.9331** is the 20% darker color. If you saturate the color by 10%, you get **27.9433, 18.4762, 17.0423**, and if you desaturate by 10%, it is **31.0505, 12.6731, 16.4939**.

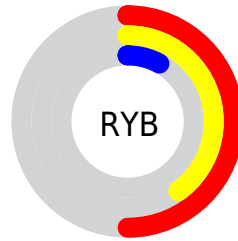
Distribution



Red (50%)

Green (26%)

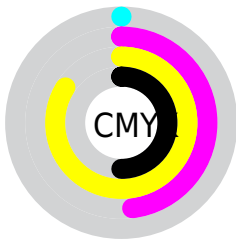
Blue (8%)



Red (50%)

Yellow (40%)

Blue (8%)

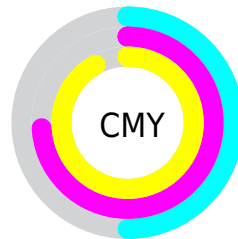


Cyan (0%)

Magenta (48%)

Yellow (84%)

Black (50%)



Cyan (50%)

Magenta (74%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.4239, 15.5103, 16.9728 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 29.4239, 15.5103, 16.9728 by changing the saturation by 10% instead.

■ 29.4239, 15.5103,
16.9728

■ 29.4239, 15.5103,
16.9728

■ 134.4643, 19.4016,
41.5803

■ 21.2576, 14.5623,
13.6893

■ 48.2067, 17.0033,
23.3120

■ 14.0280, 13.4590,
9.8196

■ 58.6934, 17.5853,
26.2102

■ 7.6726, 13.2547,
5.3708

■ 69.8465, 18.0741,
28.9777

0.0000, INF, NaN

0.0000, NaN, NaN

■ 81.6282, 18.4792,
31.6404

0.0000, NaN, NaN

■ 94.0066, 18.8085,
34.2183

0.0000, NaN, NaN

■ 106.9543, 19.0685,

0.0000, NaN, NaN

36.7266

0.0000, NaN, NaN

120.4473, 19.2647,
39.1774

29.4239, 15.5103,
16.9728

29.4239, 15.5103,
16.9728

27.9433, 18.4762,
17.0423

31.0505, 12.6731,
16.4939

27.0640, 20.3720,
17.0333

32.8105, 10.0100,
15.6090

34.6934, 7.5385,
14.3451

36.6884, 5.2653,
12.7358

38.7852, 3.1882,
10.8167

■ 40.9747, 1.2992,
8.6218

■ 43.2483, -0.4128,
6.1825

■ 45.5988, -1.9606,
3.5265

■ 48.0195, -3.3573,
0.6784

Harmonies

Analogous

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



29.4247, 29.3085, 12.2140



29.4239, 15.5103, 16.9728



29.4247, -0.9115, 18.1696

Triad

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



29.4247, 15.5083, 16.9731



29.4247, -25.7909, 2.2200



29.4247, 14.1328, -35.5682

Complementary

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



29.4239, 15.5103, 16.9728



27.8426, -2.4200, -26.3739

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.



29.4247, -2.2259, -43.0387



29.4239, 15.5103, 16.9728



29.4247, -23.3711, -15.5016

Square

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



29.4247, 15.5083, 16.9731



29.4247, -22.9205, 12.8261



29.4247, -15.4702, -34.2901



29.4247, 28.4058, -17.1886

Rectangle

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



29.4239, 15.5103, 16.9728



29.4247, -10.5264, 17.7711



29.4247, -15.4702, -34.2901



29.4247, 8.6014, -39.7568

Sweetspot

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



29.4247, 15.5083, 16.9731



53.7841, 2.2017, 12.0448



23.9928, 37.9727, -4.9832



25.6061, 1.4185, 6.2525



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



29.4247, 15.5083, 16.9731



35.5245, 27.9927, 22.3801



42.2573, -7.8674, 24.9055



21.5050, -0.5479, 2.4338



26.9547, 20.2738, 16.9643

0.0000, NaN, NaN

Inverse Universe

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



27.8426, -2.4200, -26.3739



32.9187, 1.5306, -44.4498



16.2553, 22.8099, -64.0716



21.4166, -1.6705, -0.1576



25.0378, 0.5648, -32.5143

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 29.4239, 15.5103, 16.9728 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



This preview shows how the HunterLab color 29.4239, 15.5103, 16.9728 looks on a 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 29.4239, 15.5103, 16.9728 Background



This preview shows how black text looks on a background with the HunterLab color 29.4239, 15.5103, 16.9728.



This preview shows how white text looks on a background with the HunterLab color 29.4239, 15.5103,

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

29.4239, 15.5103, 16.9728

Protanopia

29.6488, -3.9511, 16.3611

Deuteranopia

29.4799, 1.8519, 17.2888



Tritanopia

29.5061, 20.9387, 7.8777

Trichromacy



Original Color

29.4239, 15.5103, 16.9728

Protanomaly

29.2898, 2.5744, 16.3440

Deuteranomaly

29.4109, 6.5320, 17.1682

Tritanomaly

29.2647, 18.7017, 12.2465

Monochromacy



Original Color

29.4239, 15.5103, 16.9728

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.0879, 3.1816, 8.6292

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.4239, 15.5103, 16.9728 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(128, 67, 21)` looks like.

```
.text, #text, p{  
    color:rgb(128, 67, 21)  
}
```

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(128, 67, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 67, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 29.4239, 15.5103, 16.9728 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(128, 67, 21) }
```


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

```
.border{ border-color:rgb(128, 67, 21) }
```

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

Here you see how a box with a 4 pixel rgb(128, 67, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 67, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 67, 21);  
box-shadow:4px 4px 4px 4px rgb(128, 67,  
21) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.4239, 15.5103, 16.9728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 67, 21) }
```

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

```
.background{ background-color: rgb(128, 67,  
21) }
```

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