

Converting Colors

HunterLab(48.5205, 5.0207,
28.1204)

Have a look what the booklet for
HunterLab(48.5205, 5.0207,
28.1204) contains.

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Color

**HunterLab(48.4155, 5.2939,
28.0728)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7D22
RGB	171, 125, 34
RGB Percent	67%, 49%, 13%
CMY	0.3294, 0.5098, 0.8667
CMYK	0.00, 0.27, 0.80, 0.33
HSL	40°, 67%, 40%
HSV	40°, 80%, 67%
XYZ	24.4169, 23.4406, 4.7509
YIQ	128.3800, 56.6270, -18.5490

Conversions

Conversions Part 2

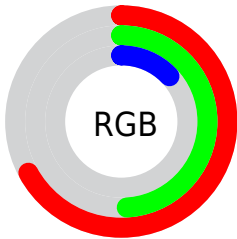
Format	Color
R _Y B	103, 171, 34
Decimal	11238690
CIE Lab	55.52, 9.56, 52.91
CIE LCh	56, 53.762, 79.762
Yxy	23.4418, 0.4641, 0.4456
Android (android.graphics.Color)	4289428770 (0xFFAB7D22)
YUV	128.3800, -46.5293, 37.3777
Hunter-Lab	48.4155, 5.2939, 28.0728

Details

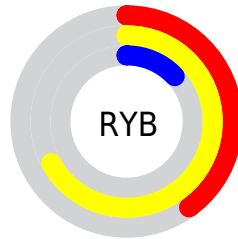
The HunterLab color **48.4155, 5.2939, 28.0728** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **30.0290, 12.1164, -57.3543**, and the grayscale version is **46.7722, -2.4956, 2.5412**.

A 20% lighter version of the original color is **69.9565, 5.2446, 35.7370**, and **29.5741, 5.7283, 18.3237** is the 20% darker color. If you saturate the color by 10%, you get **46.8556, 7.6156, 28.3395**, and if you desaturate by 10%, it is **50.0621, 3.2293, 27.1812**.

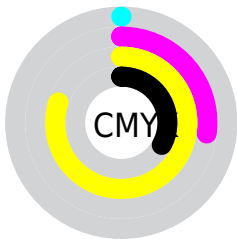
Distribution



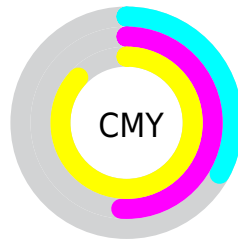
- Red (67%)
- Green (49%)
- Blue (13%)



- Red (40%)
- Yellow (67%)
- Blue (13%)



- Cyan (0%)
- Magenta (27%)
- Yellow (80%)
- Black (33%)



- Cyan (33%)
- Magenta (51%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.4155, 5.2939, 28.0728 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 48.4155, 5.2939, 28.0728 by changing the saturation by 10% instead.

■ 48.4155, 5.2939,
28.0728

■ 48.4155, 5.2939,
28.0728

164.3125, 2.8607,
58.6405

■ 38.6265, 5.2795,
23.8981

■ 70.0840, 5.1082,
35.7695

■ 29.6029, 5.1848,
19.5537

■ 81.8784, 4.9272,
39.3584

■ 21.4175, 4.9923,
14.9923

■ 94.2689, 4.6938,
42.8107

■ 14.1672, 4.6793,
9.9171

■ 107.2281, 4.4119,
46.1476

■ 7.8205, 4.9067,
5.4743

■ 120.7322, 4.0850,
49.3861

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 134.7598, 3.7160,

52.5403

0.0000, NaN, NaN

149.2923, 3.3072,
55.6219

0.0000, NaN, NaN

■ 48.4155, 5.2939,
28.0728

■ 48.4155, 5.2939,
28.0728

■ 46.8556, 7.6156,
28.3395

■ 50.0621, 3.2293,
27.1812

■ 45.3871, 10.1054,
28.1442

■ 51.7914, 1.4455,
25.6410

■ 53.6026, -0.0530,
23.4526

■ 55.4935, -1.2662,
20.6301

■ 57.4608, -2.1987,
17.1964

■ 59.5015, -2.8587,
13.1803

■ 61.6122, -3.2567,
8.6134

■ 63.7897, -3.4047,
3.5285

■ 66.0305, -3.3154,
-2.0412

Harmonies

Analogous

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



48.4167, 28.4179, 24.6081



48.4155, 5.2939, 28.0728



48.4167, -16.2757, 27.4816

Triad

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



48.4167, 5.2915, 28.0732



48.4167, -36.7544, -13.3235



48.4167, 34.7788, -31.9060

Complementary

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



48.4155, 5.2939, 28.0728



30.0290, 12.1164, -57.3543

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.



48.4167, 12.8170, -53.7794



48.4155, 5.2939, 28.0728



48.4167, -27.3358, -40.1074

Square

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



48.4167, 5.2915, 28.0732



48.4167, -38.0330, 9.3530



48.4167, -9.9900, -57.3196



48.4167, 47.3752, -5.2082

Rectangle

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



48.4155, 5.2939, 28.0728



48.4167, -27.1198, 24.7051



48.4167, -9.9900, -57.3196



48.4167, 28.0790, -40.4966

Sweetspot

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



48.4167, 5.2915, 28.0732



78.4405, -3.4890, 20.0479



32.2654, 48.0270, 6.0715



36.5966, -1.4969, 10.3347



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



48.4167, 5.2915, 28.0732



61.1954, 12.7589, 37.6848



59.8062, -22.5470, 34.9570



29.7830, -1.5800, 3.9646



39.5340, 8.5292, 24.5100



7.2813, 0.1650, 4.4896

Inverse Universe

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



30.0290, 12.1164, -57.3543



33.3406, 28.2372, -101.6683



22.1001, 37.8444, -89.0814



28.6012, -1.4318, -0.9600



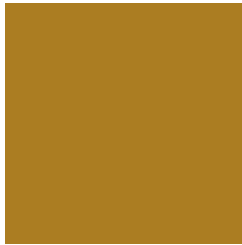
21.3113, 18.8562, -67.3424



4.7846, 0.4980, -7.0554

Previews

White Background



This preview shows how the HunterLab color 48.4155, 5.2939, 28.0728 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 48.4155, 5.2939, 28.0728 looks on a black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 48.4155, 5.2939, 28.0728 Background



This preview shows how black text looks on a background with the HunterLab color 48.4155, 5.2939, 28.0728.



This preview shows how white text looks on a background with the HunterLab color 48.4155, 5.2939,

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

48.4155, 5.2939, 28.0728

Protanopia

48.6432, -6.5188, 27.8252

Deuteranopia

48.5936, 3.1663, 28.2430



Tritanopia

48.5287, 18.7805, 6.5275

Trichromacy



Original Color

48.4155, 5.2939, 28.0728

Protanomaly

48.6035, -2.3491, 27.9684

Deuteranomaly

48.4423, 4.0207, 28.1592

Tritanomaly

48.2904, 12.8083, 17.5490

Monochromacy



Original Color

48.4155, 5.2939, 28.0728

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

46.8147, -1.4302, 15.4103

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.4155, 5.2939, 28.0728 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(171, 125, 34)` looks like.

```
.text, #text, p{  
    color:rgb(171, 125, 34)  
}
```

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(171, 125, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 125, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 48.4155, 5.2939, 28.0728 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(171, 125, 34) }
```


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

```
.border{ border-color:rgb(171, 125, 34) }
```

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

Here you see how a box with a 4 pixel rgb(171, 125, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 125, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 125, 34);  
box-shadow:4px 4px 4px 4px rgb(171, 125,  
34) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.4155, 5.2939, 28.0728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 125, 34) }
```

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

```
.background{ background-color: rgb(171,  
125, 34) }
```

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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