

Converting Colors

HunterLab(48.9808, 12.7478,
29.3404)

Have a look what the booklet for
HunterLab(48.9808, 12.7478,
29.3404) contains.

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Color

**HunterLab(49.0459, 12.4706,
29.3955)**

Conversions

Conversions Part 1

Format	Color
Hex	B97918
RGB	185, 121, 24
RGB Percent	73%, 47%, 9%
CMY	0.2745, 0.5255, 0.9059
CMYK	0.00, 0.35, 0.87, 0.27
HSL	36°, 77%, 41%
HSV	36°, 87%, 73%
XYZ	27.0098, 24.0550, 4.0837
YIQ	129.0780, 69.2810, -16.5990

Conversions

Conversions Part 2

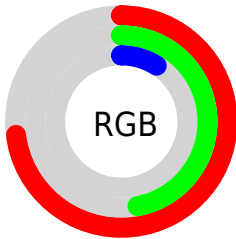
Format	Color
RYB	130, 185, 24
Decimal	12155160
CIELab	56.14, 17.76, 57.44
CIELCh	56, 60.121, 72.818
Yxy	24.0562, 0.4898, 0.4362
Android (android.graphics.Color)	4290345240 (0xFFB97918)
YUV	129.0780, -51.8035, 49.0436
Hunter-Lab	49.0459, 12.4706, 29.3955

Details

The HunterLab color **49.0459, 12.4706, 29.3955** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **32.6745, 11.7804, -62.9458**, and the grayscale version is **47.0634, -2.5112, 2.5570**.

A 20% lighter version of the original color is **70.7421, 13.3673, 37.6253**, and **30.1170, 12.0259, 18.7685** is the 20% darker color. If you saturate the color by 10%, you get **47.2044, 15.7690, 29.1646**, and if you desaturate by 10%, it is **51.0070, 9.4259, 28.9937**.

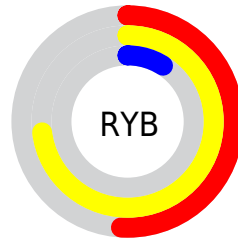
Distribution



Red (73%)

Green (47%)

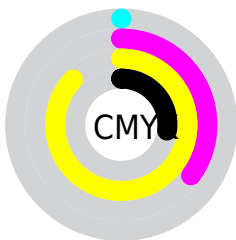
Blue (9%)



Red (51%)

Yellow (73%)

Blue (9%)

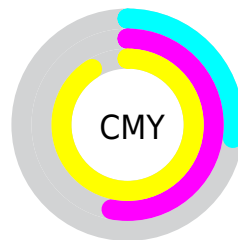


Cyan (0%)

Magenta (35%)

Yellow (87%)

Black (27%)



Cyan (27%)

Magenta (53%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.0459, 12.4706, 29.3955 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 49.0459, 12.4706, 29.3955 by changing the saturation by 10% instead.

■ 49.0459, 12.4706,
29.3955

■ 49.0459, 12.4706,
29.3955

165.2588, 13.0958,
62.1684

■ 39.2114, 12.0351,
24.9204

■ 70.7969, 13.0632,
37.6630

■ 30.1384, 11.4947,
20.4257

■ 82.6290, 13.2453,
41.5183

■ 21.8987, 10.8278,
15.3291

■ 95.0555, 13.3602,
45.2246

■ 14.5869, 10.0099,
10.2109

■ 108.0492, 13.4136,
48.8039

■ 8.2473, 9.4449,
5.7731

■ 121.5863, 13.4101,
52.2741

0.0000, INF, NaN

0.0000, NaN, NaN

■ 135.6457, 13.3538,

55.6503

0.0000, NaN, NaN

150.2088, 13.2480,
58.9449

0.0000, NaN, NaN

49.0459, 12.4706,
29.3955

49.0459, 12.4706,
29.3955

47.2044, 15.7690,
29.1646

51.0070, 9.4259,
28.9937

46.6739, 16.7708,
29.0539

53.0836, 6.6831,
27.8951

55.2728, 4.2554,
26.0949

57.5700, 2.1473,
23.6103

59.9695, 0.3550,
20.4708

■ 62.4657, -1.1305,
16.7134

■ 65.0531, -2.3219,
12.3782

■ 67.7262, -3.2341,
7.5061

■ 70.4800, -3.8831,
2.1372

Harmonies

Analogous

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



49.0472, 38.0407, 24.7462



49.0459, 12.4706, 29.3955



49.0472, -12.8744, 29.6535

Triad

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



49.0472, 12.4678, 29.3960



49.0472, -41.3665, -8.6472



49.0472, 34.6832, -44.3586

Complementary

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



49.0459, 12.4706, 29.3955



32.6745, 11.7804, -62.9458

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.



49.0472, 8.5536, -66.5117



49.0459, 12.4706, 29.3955



49.0472, -33.2389, -39.9090

Square

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



49.0472, 12.4678, 29.3960



49.0472, -40.7371, 14.3883



49.0472, -16.0785, -64.5655



49.0472, 52.5314, -12.9219

Rectangle

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



49.0459, 12.4706, 29.3955



49.0472, -26.1321, 27.7035



49.0472, -16.0785, -64.5655



49.0472, 26.3745, -53.7097

Sweetspot

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



49.0472, 12.4678, 29.3960



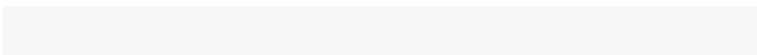
83.8011, -1.6194, 22.0407



34.1745, 55.6918, 5.8633



38.3693, -0.4600, 11.0840



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



49.0472, 12.4678, 29.3960



62.0864, 23.2280, 38.6640



65.7173, -23.0503, 39.3113



31.4451, -1.4281, 4.0657



38.7025, 13.4494, 24.0838



8.0337, 1.0315, 4.9684

Inverse Universe

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



32.6745, 11.7804, -62.9458



38.0896, 26.1370, -104.0310



21.4696, 45.2595, -112.7310



30.4788, -1.7643, -0.8574



24.1078, 14.6471, -61.7515



5.7173, 0.3476, -7.8964

Previews

White Background



This preview shows how the HunterLab color 49.0459, 12.4706, 29.3955 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 49.0459, 12.4706, 29.3955 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 49.0459, 12.4706, 29.3955 Background



This preview shows how black text looks on a background with the HunterLab color 49.0459, 12.4706, 29.3955.



This preview shows how white text looks on a background with the HunterLab color 49.0459, 12.4706,

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

49.0459, 12.4706, 29.3955

Protanopia

49.0787, -6.5191, 28.8008

Deuteranopia

49.1358, 3.4926, 29.5950



Tritanopia

49.1303, 25.1669, 8.8846

Trichromacy



Original Color

49.0459, 12.4706, 29.3955

Protanomaly

48.9254, 0.0830, 28.8925

Deuteranomaly

48.9402, 6.8993, 29.4180

Tritanomaly

48.8406, 19.2892, 19.7453

Monochromacy



Original Color

49.0459, 12.4706, 29.3955

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

46.9751, 0.4168, 16.4609

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0459, 12.4706, 29.3955 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(185, 121, 24)` looks like.

```
.text, #text, p{  
  color:rgb(185, 121, 24)  
}
```

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(185, 121, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 121, 24) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0459, 12.4706, 29.3955 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(185, 121, 24) }
```


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

```
.border{ border-color:rgb(185, 121, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 121, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 121, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 121, 24);  
box-shadow:4px 4px 4px 4px rgb(185, 121,  
24) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.0459, 12.4706, 29.3955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 121, 24) }
```

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

```
.background{ background-color: rgb(185,  
121, 24) }
```

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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