

Converting Colors

HunterLab(49.4870, 7.0275,
30.6167)

Have a look what the booklet for
HunterLab(49.4870, 7.0275,
30.6167) contains.

HunterLab(49.3829, 6.9127, 30.5505)	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(49.3829, 6.9127,
30.5505)**

Conversions

Conversions Part 1

Format	Color
Hex	B27E00
RGB	178, 126, 0
RGB Percent	70%, 49%, 0%
CMY	0.3020, 0.5059, 1.0000
CMYK	0.00, 0.29, 1.00, 0.30
HSL	42°, 100%, 35%
HSV	42°, 100%, 70%
XYZ	25.8210, 24.3867, 3.3462
YIQ	127.1840, 71.4380, -28.1620

Conversions

Conversions Part 2

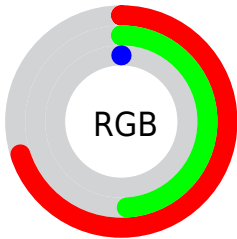
Format	Color
RYB	73, 178, 0
Decimal	11697664
CIELab	56.47, 11.44, 62.31
CIELCh	56, 63.348, 79.594
Yxy	24.3879, 0.4821, 0.4554
Android (android.graphics.Color)	4289887744 (0xFFB27E00)
YUV	127.1840, -62.7017, 44.5656
Hunter-Lab	49.3829, 6.9127, 30.5505

Details

The HunterLab color **49.3829, 6.9127, 30.5505** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **23.8133, 27.7688, -89.7080**, and the grayscale version is **46.3603, -2.4737, 2.5188**.

A 20% lighter version of the original color is **71.0178, 6.9807, 39.3173**, and **30.4973, 7.4986, 18.9235** is the 20% darker color. If you saturate the color by 10%, you get **49.3834, 6.9114, 30.5508**, and if you desaturate by 10%, it is **50.7894, 4.6447, 30.7190**.

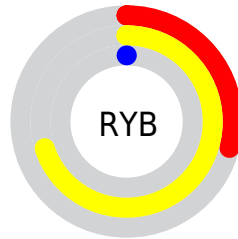
Distribution



Red (70%)

Green (49%)

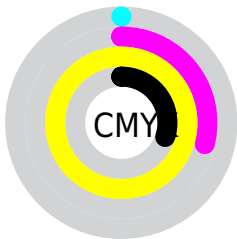
Blue (0%)



Red (29%)

Yellow (70%)

Blue (0%)

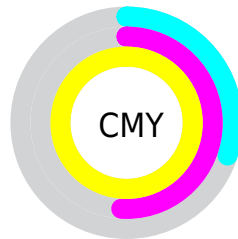


Cyan (0%)

Magenta (29%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.3829, 6.9127, 30.5505 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 49.3829, 6.9127, 30.5505 by changing the saturation by 10% instead.

■ 49.3829, 6.9127,
30.5505

■ 49.3829, 6.9127,
30.5505

165.7637, 5.1574,
65.7234

■ 39.5242, 6.8050,
25.7554

■ 71.1776, 6.8992,
39.4349

■ 30.4250, 6.6118,
21.2185

■ 83.0299, 6.7986,
43.5801

■ 22.1564, 6.3142,
15.5095

■ 95.4755, 6.6424,
47.5633

■ 14.8122, 5.8890,
10.3685

■ 108.4875, 6.4349,
51.4071

■ 8.4660, 5.5566,
5.9262

■ 122.0421, 6.1797,
55.1303

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.1185, 5.8801,

58.7489

0.0000, NaN, NaN

150.6979, 5.5385,
62.2762

0.0000, NaN, NaN

49.3829, 6.9127,
30.5505

49.3829, 6.9127,
30.5505

49.3834, 6.9114,
30.5508

50.7894, 4.6447,
30.7190

52.2613, 2.5850,
30.3901

53.8091, 0.7955,
29.4049

55.4338, -0.7060,
27.7320

57.1349, -1.9106,
25.3630

■ 58.9112, -2.8166,
22.3050

■ 60.7606, -3.4268,
18.5754

■ 62.6810, -3.7477,
14.1987

■ 64.6697, -3.7885,
9.2038

Harmonies

Analogous

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



49.3841, 34.9350, 27.1907



49.3829, 6.9127, 30.5505



49.3841, -18.5950, 30.0241

Triad

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



49.3841, 6.9101, 30.5509



49.3841, -42.0676, -16.4936



49.3841, 42.4773, -40.2010

Complementary

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



49.3829, 6.9127, 30.5505



23.8133, 27.7688, -89.7080

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.



49.3841, 15.6446, -68.2820



49.3829, 6.9127, 30.5505



49.3841, -31.5245, -50.3212

Square

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



49.3841, 6.9101, 30.5509



49.3841, -43.4362, 10.6685



49.3841, -11.5110, -72.7339



49.3841, 58.1591, -6.8962

Rectangle

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



49.3829, 6.9127, 30.5505



49.3841, -31.1061, 27.3560



49.3841, -11.5110, -72.7339



49.3841, 34.2281, -51.1724

Sweetspot

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



49.3841, 6.9101, 30.5509



81.6899, -4.5813, 25.3000



31.1864, 54.2422, 13.6695



37.9574, -2.0136, 12.9360



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



49.3841, 6.9101, 30.5509



66.1888, 9.8895, 40.9584



61.3408, -28.3562, 37.3012



30.7879, -1.7965, 4.2030



41.9071, 5.5971, 25.9209



8.0458, -0.0928, 4.9562

Inverse Universe

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



23.8133, 27.7688, -89.7080



31.5238, 38.9810, -123.5507



18.9277, 49.3930, -119.4080



29.3620, -1.3052, -1.1260



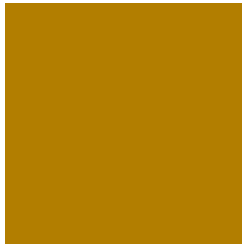
20.3800, 22.8121, -74.7180



4.8381, 1.1911, -8.6184

Previews

White Background



This preview shows how the HunterLab color 49.3829, 6.9127, 30.5505 looks on a white background.

Color Contrast Check

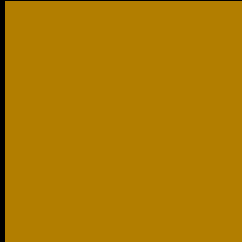
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.3829, 6.9127, 30.5505 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 49.3829, 6.9127, 30.5505 Background



This preview shows how black text looks on a background with the HunterLab color 49.3829, 6.9127, 30.5505.



This preview shows how white text looks on a background with the HunterLab color 49.3829, 6.9127,

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

49.3829, 6.9127, 30.5505

Protanopia

49.4012, -6.9549, 29.9390

Deuteranopia

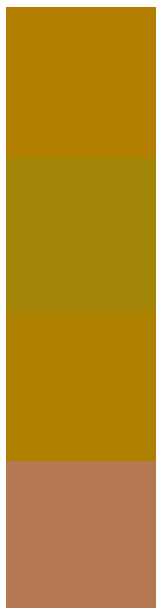
49.4683, 3.1471, 30.5373



Tritanopia

49.4159, 21.5066, 7.1436

Trichromacy



Original Color

49.3829, 6.9127, 30.5505

Protanomaly

49.1927, -1.9407, 30.0361

Deuteranomaly

49.4338, 4.3940, 30.5378

Tritanomaly

48.9461, 14.4722, 21.2204

Monochromacy



Original Color

49.3829, 6.9127, 30.5505

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

46.7801, -2.0074, 18.9242

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.3829, 6.9127, 30.5505 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(178, 126, 0)` looks like.

```
.text, #text, p{  
    color:rgb(178, 126, 0)  
}
```

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(178, 126, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 126, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.3829, 6.9127, 30.5505 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(178, 126, 0) }
```


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

```
.border{ border-color:rgb(178, 126, 0) }
```

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

Here you see how a box with a 4 pixel rgb(178, 126, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 126, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 126, 0);  
box-shadow:4px 4px 4px 4px rgb(178, 126,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.3829, 6.9127, 30.5505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 126, 0) }
```

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

```
.background{ background-color: rgb(178,  
126, 0) }
```

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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