

Converting Colors

HunterLab(49.9492, -9.4693,
30.6127)

Have a look what the booklet for
HunterLab(49.9492, -9.4693,
30.6127) contains.

HunterLab(49.9492, -9.4693, 30.6127)	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(49.9492, -9.4693,
30.6127)**

Conversions

Conversions Part 1

Format	Color
Hex	968B00
RGB	150, 139, 0
RGB Percent	59%, 55%, 0%
CMY	0.4118, 0.4549, 1.0000
CMYK	0.00, 0.07, 1.00, 0.41
HSL	56°, 100%, 29%
HSV	56°, 100%, 59%
XYZ	21.8103, 24.9492, 3.6661
YIQ	126.4430, 51.1750, -40.8970

Conversions

Conversions Part 2

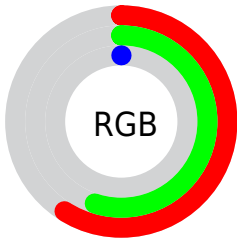
Format	Color
R_{YB}	12, 150, 0
Decimal	9865984
CIE Lab	57.03, -8.66, 61.32
CIE LCh	57, 61.932, 98.037
Yxy	24.9504, 0.4325, 0.4948
Android (android.graphics.Color)	4288056064 (0xFF968B00)
YUV	126.4430, -62.3364, 20.6595
Hunter-Lab	49.9492, -9.4693, 30.6127

Details

The HunterLab color **49.9492, -9.4693, 30.6127** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **15.6254, 36.9122, -99.2107**, and the grayscale version is **46.0737, -2.4584, 2.5033**.

A 20% lighter version of the original color is **71.7906, -11.4176, 39.3873**, and **30.9478, -6.3340, 18.9590** is the 20% darker color. If you saturate the color by 10%, you get **49.9502, -9.4710, 30.6132**, and if you desaturate by 10%, it is **50.3040, -9.7642, 30.2931**.

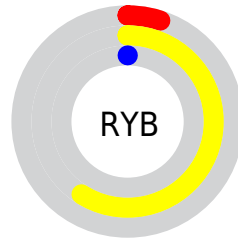
Distribution



Red (59%)

Green (55%)

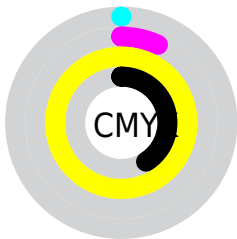
Blue (0%)



Red (5%)

Yellow (59%)

Blue (0%)

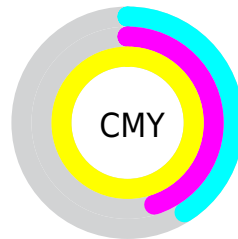


Cyan (0%)

Magenta (7%)

Yellow (100%)

Black (41%)



Cyan (41%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9492, -9.4693, 30.6127 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 49.9492, -9.4693, 30.6127 by changing the saturation by 10% instead.

49.9492, -9.4693,
30.6127

49.9492, -9.4693,
30.6127

166.6106,
-19.2205, 65.2253

40.0501, -8.4317,
25.8969

71.8170, -11.5604,
39.3468

30.9072, -7.3876,
21.2976

83.7028, -12.6170,
43.4230

22.5905, -6.3283,
15.8133

96.1804, -13.6844,
47.3413

15.1921, -5.2346,
10.6345

109.2230,
-14.7641, 51.1239

8.8201, -4.7491,
6.1741

122.8070,
-15.8570, 54.7892

0.0000, NaN, NaN

0.0000, NaN, NaN

136.9116,

-16.9637, 58.3529

0.0000, NaN, NaN

151.5184,
-18.0847, 61.8279

0.0000, NaN, NaN

49.9492, -9.4693,
30.6127

49.9492, -9.4693,
30.6127

49.9502, -9.4710,
30.6132

50.3040, -9.7642,
30.2931

50.6829, -9.9210,
29.6192

51.0977, -9.8801,
28.4314

51.5522, -9.6216,
26.6796

52.0491, -9.1309,
24.3279

■ 52.5904, -8.3977,
21.3514

■ 53.1777, -7.4151,
17.7344

■ 53.8123, -6.1793,
13.4693

■ 54.4949, -4.6890,
8.5550

Harmonies

Analogous

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



49.9504, 17.4505, 29.7792



49.9492, -9.4693, 30.6127



49.9504, -29.9042, 27.5523

Triad

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



49.9504, -9.4712, 30.6130



49.9504, -36.2754, -36.3853



49.9504, 52.7033, -18.5522

Complementary

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



49.9492, -9.4693, 30.6127



15.6254, 36.9122, -99.2107

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.



49.9504, 32.0417, -51.1526



49.9492, -9.4693, 30.6127



49.9504, -20.0331, -64.6046

Square

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



49.9504, -9.4712, 30.6130



49.9504, -43.1751, -4.4023



49.9504, 4.5202, -71.0711



49.9504, 57.1381, 8.9250

Rectangle

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



49.9492, -9.4693, 30.6127



49.9504, -38.4160, 21.9186



49.9504, 4.5202, -71.0711



49.9504, 47.2479, -29.5985

Sweetspot

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



49.9504, -9.4712, 30.6130



70.5959, -9.9382, 23.8709



25.5186, 43.8081, 15.6448



33.0914, -4.9268, 12.1348



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



49.9504, -9.4712, 30.6130



66.2732, -12.4545, 40.6192



48.8498, -31.1003, 29.5562



25.8315, -2.1586, 3.8512



45.5120, -8.6589, 27.8927



5.2059, -1.2146, 3.1866

Inverse Universe

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



15.6254, 36.9122, -99.2107



20.5079, 50.0628, -133.7044



18.0077, 43.0632, -83.1508



23.8689, -0.4030, -1.3699



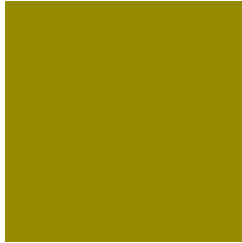
14.3019, 33.3239, -89.8128



1.9643, 2.3781, -7.5889

Previews

White Background



This preview shows how the HunterLab color 49.9492, -9.4693, 30.6127 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 49.9492, -9.4693, 30.6127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

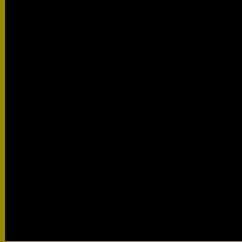
Any Text WCAG AA ✓ Pass

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 49.9492, -9.4693, 30.6127 Background



This preview shows how black text looks on a background with the HunterLab color 49.9492, -9.4693, 30.6127.



This preview shows how white text looks on a background with the HunterLab color 49.9492, -9.4693,

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

49.9492, -9.4693, 30.6127

Protanopia

49.8597, -6.8350, 30.6036

Deuteranopia

49.8964, 3.3106, 30.0718



Tritanopia

49.8334, 8.1104, 1.7878

Trichromacy



Original Color

49.9492, -9.4693, 30.6127

Protanomaly

49.9492, -7.9860, 30.6387

Deuteranomaly

49.8005, -1.2319, 30.2512

Tritanomaly

49.4451, -1.0912, 19.3780

Monochromacy



Original Color

49.9492, -9.4693, 30.6127

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

46.8644, -7.5267, 19.1442

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9492, -9.4693, 30.6127 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(150, 139, 0)` looks like.

```
.text, #text, p{  
    color:rgb(150, 139, 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(150, 139, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 139, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9492, -9.4693, 30.6127 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(150, 139, 0) }
```


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

```
.border{ border-color:rgb(150, 139, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 139, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 139, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 139, 0);  
box-shadow:4px 4px 4px 4px rgb(150, 139,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9492, -9.4693, 30.6127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 139, 0) }
```

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

```
.background{ background-color: rgb(150,  
139, 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](#).

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