

Converting Colors

HunterLab(49.9493, -7.9863,
30.6387)

Have a look what the booklet for
HunterLab(49.9493, -7.9863,
30.6387) contains.

HunterLab(49.9492, -7.9860, 30.6387)	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, -7.9860,
30.6387)

Conversions

Conversions Part 1

Format	Color
Hex	998A00
RGB	153, 138, 0
RGB Percent	60%, 54%, 0%
CMY	0.4000, 0.4588, 1.0000
CMYK	0.00, 0.10, 1.00, 0.40
HSL	54°, 100%, 30%
HSV	54°, 100%, 60%
XYZ	22.2253, 24.9492, 3.6442
YIQ	126.7530, 53.2380, -39.7380

Conversions

Conversions Part 2

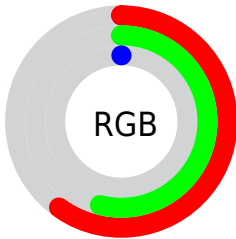
Format	Color
R _Y B	17, 153, 0
Decimal	10062336
CIE Lab	57.03, -6.73, 61.45
CIE LCh	57, 61.820, 96.250
Yxy	24.9504, 0.4373, 0.4909
Android (android.graphics.Color)	4288252416 (0xFF998A00)
YUV	126.7530, -62.4892, 23.0186
Hunter-Lab	49.9492, -7.9860, 30.6387

Details

The HunterLab color **49.9492, -7.9860, 30.6387** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **16.2534, 36.5800, -99.2790**, and the grayscale version is **46.1953, -2.4649, 2.5099**.

A 20% lighter version of the original color is **71.7915, -9.8476, 39.4154**, and **31.2113, -5.3819, 19.1380** is the 20% darker color. If you saturate the color by 10%, you get **49.9501, -7.9877, 30.6392**, and if you desaturate by 10%, it is **50.4174, -8.4608, 30.3737**.

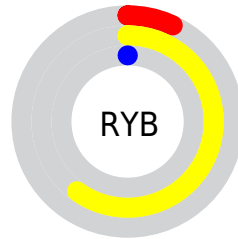
Distribution



Red (60%)

Green (54%)

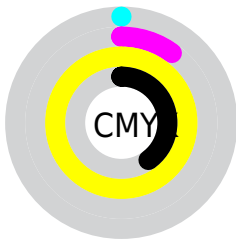
Blue (0%)



Red (7%)

Yellow (60%)

Blue (0%)

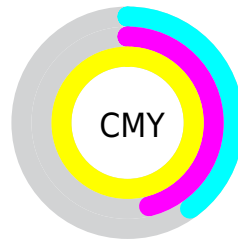


Cyan (0%)

Magenta (10%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9492, -7.9860, 30.6387 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, -7.9860, 30.6387 by changing the saturation by 10% instead.

49.9492, -7.9860,
30.6387

49.9492, -7.9860,
30.6387

166.6106,
-16.9426, 65.3157

40.0501, -7.0647,
25.9143

71.8170, -9.8682,
39.3894

30.9072, -6.1475,
21.3149

83.7028, -10.8294,
43.4734

22.5905, -5.2292,
15.8133

96.1804, -11.8063,
47.3991

15.1921, -4.2967,
10.6345

109.2230,
-12.7995, 51.1888

8.8201, -3.7958,
6.1741

122.8070,
-13.8096, 54.8609

0.0000, NaN, NaN

0.0000, NaN, NaN

136.9117,

-14.8367, 58.4311

0.0000, NaN, NaN

151.5184,
-15.8810, 61.9123

0.0000, NaN, NaN

49.9492, -7.9860,
30.6387

49.9492, -7.9860,
30.6387

49.9501, -7.9877,
30.6392

50.4174, -8.4608,
30.3737

50.9116, -8.7908,
29.7392

51.4440, -8.9166,
28.5753

52.0180, -8.8183,
26.8331

52.6363, -8.4820,
24.4791

■ 53.3007, -7.8981,
21.4911

■ 54.0125, -7.0605,
17.8567

■ 54.7728, -5.9665,
13.5714

■ 55.5819, -4.6158,
8.6375

Harmonies

Analogous

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



49.9504, 19.0745, 29.5829



49.9492, -7.9860, 30.6387



49.9504, -28.8963, 27.8583

Triad

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



49.9504, -7.9880, 30.6390



49.9504, -36.8937, -34.3097



49.9504, 51.7420, -20.4432

Complementary

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



49.9492, -7.9860, 30.6387



16.2534, 36.5800, -99.2790

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, 30.4177, -52.7544



49.9492, -7.9860, 30.6387



49.9504, -21.2290, -63.2211

Square

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



49.9504, -7.9880, 30.6390



49.9504, -43.2426, -2.7330



49.9504, 2.8846, -71.2902



49.9504, 57.2867, 7.6181

Rectangle

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



49.9492, -7.9860, 30.6387



49.9504, -37.7733, 22.5638



49.9504, 2.8846, -71.2902



49.9504, 45.9962, -31.5226

Sweetspot

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



49.9504, -7.9880, 30.6390



72.2232, -9.5255, 24.2124



26.0918, 44.8166, 15.8089



33.7627, -4.6941, 12.2963



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



49.9504, -7.9880, 30.6390



66.7317, -10.5123, 40.9357



50.0475, -31.2834, 30.2910



26.6822, -2.1584, 3.9470



45.4401, -7.3079, 27.8720



5.7850, -1.2432, 3.5430

Inverse Universe

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



16.2534, 36.5800, -99.2790



21.4512, 50.1536, -135.0793



18.1624, 43.7634, -86.4220



24.7365, -0.4919, -1.3739



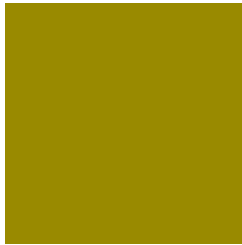
14.8598, 32.9244, -89.6478



2.3568, 2.2836, -7.8754

Previews

White Background



This preview shows how the HunterLab color 49.9492, -7.9860, 30.6387 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, -7.9860, 30.6387 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, -7.9860, 30.6387 Background



This preview shows how black text looks on a background with the HunterLab color 49.9492, -7.9860, 30.6387.

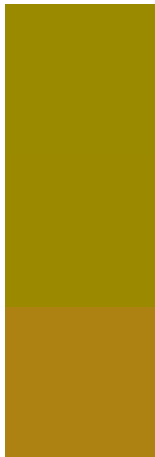


This preview shows how white text looks on a background with the HunterLab color 49.9492, -7.9860,

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, -7.9860, 30.6387

Protanopia

49.8597, -6.8350, 30.6036

Deuteranopia

49.8931, 3.2926, 30.1215



Tritanopia

49.8502, 9.4583, 2.2850

Trichromacy



Original Color

49.9492, -7.9860, 30.6387

Protanomaly

49.7608, -7.1878, 30.5365

Deuteranomaly

49.9061, -0.8728, 30.3605

Tritanomaly

49.4734, 0.4221, 19.4282

Monochromacy



Original Color

49.9492, -7.9860, 30.6387

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

46.9691, -7.1200, 18.9908

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9492, -7.9860, 30.6387 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(153, 138, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 138, 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(153, 138, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 138, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9492, -7.9860, 30.6387 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(153, 138, 0) }
```


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

```
.border{ border-color:rgb(153, 138, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 138, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 138, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 138, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 138,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9492, -7.9860, 30.6387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 138, 0) }
```

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

```
.background{ background-color: rgb(153,  
138, 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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