

Converting Colors

HunterLab(49.5933, -7.7026,
25.0299)

Have a look what the booklet for
HunterLab(49.5933, -7.7026,
25.0299) contains.

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Color

**HunterLab(49.4390, -7.6367,
24.8649)**

Conversions

Conversions Part 1

Format	Color
Hex	93893E
RGB	147, 137, 62
RGB Percent	58%, 54%, 24%
CMY	0.4235, 0.4627, 0.7569
CMYK	0.00, 0.07, 0.58, 0.42
HSL	53°, 41%, 41%
HSV	53°, 58%, 58%
XYZ	21.8478, 24.4421, 8.1237
YIQ	131.4400, 30.0350, -21.2050

Conversions

Conversions Part 2

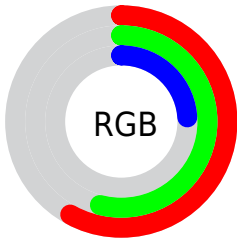
Format	Color
R_{YB}	73, 147, 62
Decimal	9668926
CIE _{Lab}	56.53, -6.34, 40.85
CIE _{LCh}	57, 41.340, 98.817
Yxy	24.4433, 0.4015, 0.4492
Android (android.graphics.Color)	4287859006 (0xFF93893E)
YUV	131.4400, -34.2339, 13.6461
Hunter-Lab	49.4390, -7.6367, 24.8649

Details

The HunterLab color $49.4390, -7.6367, 24.8649$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $27.8661, 12.5387, -41.3411$, and the grayscale version is $47.9377, -2.5578, 2.6045$.

A 20% lighter version of the original color is $71.1992, -9.3578, 30.9436$, and $30.3648, -5.6125, 17.9942$ is the 20% darker color. If you saturate the color by 10%, you get $48.8012, -7.6607, 26.6307$, and if you desaturate by 10%, it is $50.1224, -7.3875, 22.5156$.

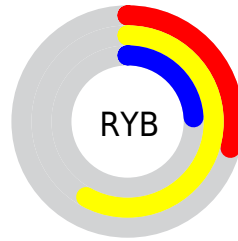
Distribution



Red (58%)

Green (54%)

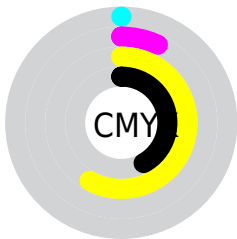
Blue (24%)



Red (29%)

Yellow (58%)

Blue (24%)

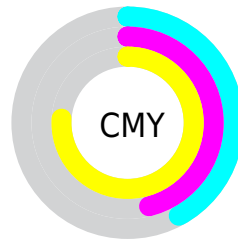


Cyan (0%)

Magenta (7%)

Yellow (58%)

Black (42%)



Cyan (42%)

Magenta (46%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.4390, -7.6367, 24.8649 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 49.4390, -7.6367, 24.8649 by changing the saturation by 10% instead.

■ 49.4390, -7.6367,
24.8649

■ 49.4390, -7.6367,
24.8649

165.8475,
-16.4245, 49.3579

■ 39.5762, -6.7392,
21.5826

■ 71.2409, -9.4750,
30.9335

■ 30.4727, -5.8479,
18.0769

■ 83.0965, -10.4160,
33.7814

■ 22.1993, -4.9579,
14.6268

■ 95.5453, -11.3737,
36.5350

■ 14.8497, -4.0569,
10.3948

■ 108.5603,
-12.3485, 39.2107

■ 8.5017, -3.7019,
5.9512

■ 122.1178,
-13.3409, 41.8214

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.1970,

-14.3510, 44.3774

0.0000, NaN, NaN

150.7792,
-15.3788, 46.8873

0.0000, NaN, NaN

■ 49.4390, -7.6367,
24.8649

■ 49.4390, -7.6367,
24.8649

■ 48.8012, -7.6607,
26.6307

■ 50.1224, -7.3875,
22.5156

■ 48.2034, -7.4655,
27.8380

■ 50.8494, -6.9003,
19.5656

■ 47.6440, -7.0694,
28.5273

■ 51.6220, -6.1728,
16.0082

■ 47.1159, -6.5131,
28.8028

■ 52.4410, -5.2037,
11.8431

■ 47.0021, -6.3868,
28.8506

■ 53.3064, -3.9940,
7.0761

■ 54.2182, -2.5469,
1.7179

■ 55.1762, -0.8670,
-4.2168

■ 56.1799, 1.0395,
-10.7103

■ 57.2285, 3.1656,
-17.7423

Harmonies

Analogous

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



49.4402, 9.9670, 24.0432



49.4390, -7.6367, 24.8649



49.4402, -21.8178, 21.5472

Triad

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



49.4402, -7.6385, 24.8653



49.4402, -25.9878, -21.5466



49.4402, 32.3694, -10.1677

Complementary

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



49.4390, -7.6367, 24.8649



27.8661, 12.5387, -41.3411

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.



49.4402, 19.9944, -28.8704



49.4390, -7.6367, 24.8649



49.4402, -14.0993, -36.8571

Square

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



49.4402, -7.6385, 24.8653



49.4402, -31.4133, -2.4108



49.4402, 2.5639, -39.9203



49.4402, 34.7257, 7.3014

Rectangle

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



49.4390, -7.6367, 24.8649



49.4402, -28.0094, 16.4354



49.4402, 2.5639, -39.9203



49.4402, 29.1692, -16.6639

Sweetspot

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



49.4402, -7.6385, 24.8653



70.2316, -6.8945, 15.5657



31.8339, 28.2255, 8.2615



33.4595, -3.4175, 7.9450



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.



49.4402, -7.6385, 24.8653



65.0945, -10.2111, 36.1278



49.9167, -21.2576, 24.9727



25.7477, -2.0217, 3.7628



43.7903, -5.9887, 26.8786



5.1108, -1.0727, 3.1305

Inverse Universe

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



27.8661, 12.5387, -41.3411



31.1723, 24.2140, -74.3930



28.0855, 24.0691, -40.5452



23.9507, -0.5417, -1.2670



14.8413, 31.2044, -85.9116



2.1998, 1.7412, -6.5084

Previews

White Background



This preview shows how the HunterLab color 49.4390, -7.6367, 24.8649 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 49.4390, -7.6367, 24.8649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

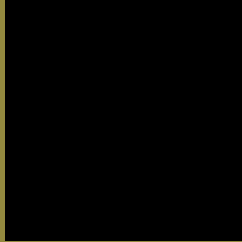
Any Text WCAG AA ✓ Pass

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 49.4390, -7.6367, 24.8649 Background



This preview shows how black text looks on a background with the HunterLab color 49.4390, -7.6367, 24.8649.



This preview shows how white text looks on a background with the HunterLab color 49.4390, -7.6367,

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

49.4390, -7.6367, 24.8649

Protanopia

49.5333, -5.8313, 24.9649

Deuteranopia

49.2810, 3.2673, 24.5883



Tritanopia

49.4314, 6.7938, 1.2807

Trichromacy



Original Color

49.4390, -7.6367, 24.8649

Protanomaly

49.4370, -6.1728, 24.8890

Deuteranomaly

49.3305, -0.7677, 24.7317

Tritanomaly

49.2235, 0.4662, 12.2250

Monochromacy



Original Color

49.4390, -7.6367, 24.8649

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

48.0978, -5.1023, 12.7397

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.4390, -7.6367, 24.8649 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(147, 137, 62)` looks like.

```
.text, #text, p{  
    color:rgb(147, 137, 62)  
}
```

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(147, 137, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 137, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 49.4390, -7.6367, 24.8649 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(147, 137, 62) }
```


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

```
.border{ border-color:rgb(147, 137, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 137, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 137, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 137, 62);  
box-shadow:4px 4px 4px 4px rgb(147, 137,  
62) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.4390, -7.6367, 24.8649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 137, 62) }
```

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

```
.background{ background-color: rgb(147,  
137, 62) }
```

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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