

Converting Colors

HunterLab(49.8608, -16.8506,
4.4085)

Have a look what the booklet for
HunterLab(49.8608, -16.8506,
4.4085) contains.

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Color

**HunterLab(49.9330,
-16.9620, 4.5510)**

Conversions

Conversions Part 1

Format	Color
Hex	649284
RGB	100, 146, 132
RGB Percent	39%, 57%, 52%
CMY	0.6078, 0.4274, 0.4823
CMYK	0.32, 0.00, 0.10, 0.43
HSL	162°, 19%, 48%
HSV	162°, 32%, 57%
XYZ	19.6993, 24.9330, 25.6041
YIQ	130.6500, -22.9220, -14.1060

Conversions

Conversions Part 2

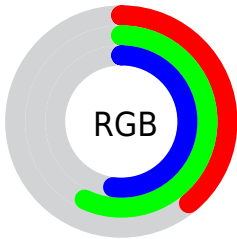
Format	Color
R_{YB}	100, 127, 146
Decimal	6591108
CIE _{Lab}	57.01, -18.80, 2.43
CIE _{LCh}	57, 18.959, 172.626
Yxy	24.9341, 0.2805, 0.3550
Android (android.graphics.Color)	4284781188 (0xFF649284)
YUV	130.6500, 0.6655, -26.8801
Hunter-Lab	49.9330, -16.9620, 4.5510

Details

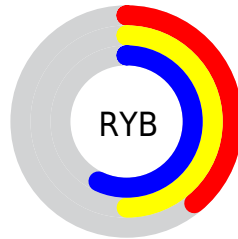
The HunterLab color **49.9330, -16.9620, 4.5510** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **40.5473, 14.6633, 1.9621**, and the grayscale version is **47.5078, -2.5349, 2.5812**.

A 20% lighter version of the original color is **71.7543, -20.1925, 5.9352**, and **30.8428, -13.3542, 3.0398** is the 20% darker color. If you saturate the color by 10%, you get **49.0466, -20.5794, 5.3591**, and if you desaturate by 10%, it is **50.9577, -12.9072, 3.8793**.

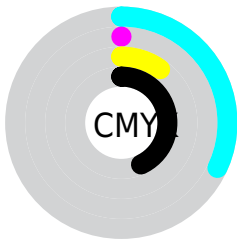
Distribution



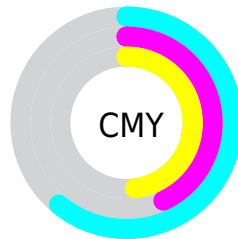
- Red (39%)
- Green (57%)
- Blue (52%)



- Red (39%)
- Yellow (50%)
- Blue (57%)



- Cyan (32%)
- Magenta (0%)
- Yellow (10%)
- Black (43%)



- Cyan (61%)
- Magenta (43%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9330, -16.9620, 4.5510 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 49.9330, -16.9620, 4.5510 by changing the saturation by 10% instead.

■ 49.9330, -16.9620,
4.5510

■ 49.9330, -16.9620,
4.5510

166.5861,
-30.9853, 11.8371

■ 40.0349, -15.2909,
3.8774

■ 71.7985, -20.1825,
5.9864

■ 30.8932, -13.5535,
3.2326

■ 83.6834, -21.7534,
6.7455

■ 22.5779, -11.7187,
2.6173

■ 96.1601, -23.3081,
7.5313

■ 15.1811, -9.7315,
2.0305

■ 109.2017,
-24.8520, 8.3431

■ 8.8101, -9.7704,
1.6245

122.7849,
-26.3888, 9.1802

0.0000, NaN, NaN

136.8887,

0.0000, NaN, NaN

-27.9218, 10.0420

0.0000, NaN, NaN

151.4947,
-29.4533, 10.9278

0.0000, NaN, NaN

■ 49.9330, -16.9620,
4.5510

■ 49.9330, -16.9620,
4.5510

■ 49.0466, -20.5794,
5.3591

■ 50.9577, -12.9072,
3.8793

■ 48.2946, -23.7317,
6.2925

■ 52.1166, -8.4463,
3.3476

■ 47.6751, -26.4038,
7.3396

■ 53.4086, -3.6179,
2.9591

■ 47.1832, -28.5930,
8.4845

■ 54.8302, 1.5375,
2.7136

■ 46.8110, -30.3117,
9.7086

■ 56.3771, 6.9790,
2.6084

■ 46.5474, -31.5911,
10.9900

■ 58.0442, 12.6670,
2.6389

■ 46.3782, -32.4515,
12.0847

■ 59.8263, 18.5645,
2.7992

■ 61.7178, 24.6376,
3.0824

■ 63.7129, 30.8561,
3.4809

Harmonies

Analogous

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



49.9340, -14.2616, 10.7759



49.9330, -16.9620, 4.5510



49.9340, -16.0288, -3.2163

Triad

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



49.9340, -16.9627, 4.5517



49.9340, 3.3610, -12.6821



49.9340, 6.9714, 12.9628

Complementary

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



49.9330, -16.9620, 4.5510



40.5473, 14.6633, 1.9621

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.



49.9340, 12.2666, 8.0031



49.9330, -16.9620, 4.5510



49.9340, 10.0926, -6.9565

Square

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



49.9340, -16.9627, 4.5517



49.9340, -4.6172, -13.9919



49.9340, 13.4432, 0.8121



49.9340, -0.6865, 15.1128

Rectangle

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



49.9330, -16.9620, 4.5510



49.9340, -13.4411, -8.1860



49.9340, 13.4432, 0.8121



49.9340, 9.1059, 11.6099

Sweetspot

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



49.9340, -16.9627, 4.5517



69.6031, -9.7686, 4.3092



50.0944, -17.8489, 16.2852



32.7260, -4.9954, 2.0684



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



49.9340, -16.9627, 4.5517



65.4470, -26.0777, 6.8069



47.7896, -10.9050, -4.4830



25.5587, -3.5946, 1.5831



43.5105, -30.4130, 11.2687



4.8680, -3.0340, 0.4649

Inverse Universe

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



40.5473, 14.6633, 1.9621



50.3592, 25.0114, 2.7924



42.2475, 8.7245, 9.2648



24.1717, 1.0412, 1.1799



23.5463, 41.0310, 9.7323



2.6949, 4.8675, -0.2157

Previews

White Background



This preview shows how the HunterLab color 49.9330, -16.9620, 4.5510 looks on a white background.

Color Contrast Check

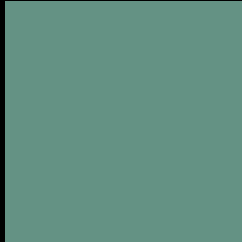
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.9330, -16.9620, 4.5510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

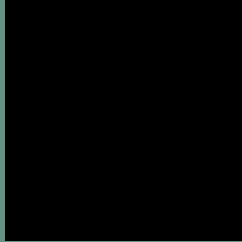
Any Text WCAG AA ✓ Pass

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 49.9330, -16.9620, 4.5510 Background



This preview shows how black text looks on a background with the HunterLab color 49.9330, -16.9620, 4.5510.



This preview shows how white text looks on a background with the HunterLab color 49.9330,

-16.9620, 4.5510.

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

49.9330, -16.9620, 4.5510

Protanopia

49.7769, -2.6429, 7.1150

Deuteranopia

49.7351, 3.4142, 3.3811



Tritanopia

49.9813, -10.7517, -5.6557

Trichromacy



Original Color

49.9330, -16.9620, 4.5510

Protanomaly

49.7497, -8.5625, 6.1673

Deuteranomaly

49.5157, -4.5886, 3.4246

Tritanomaly

49.9053, -13.0981, -1.7859

Monochromacy



Original Color

49.9330, -16.9620, 4.5510

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

48.2080, -7.9155, 3.1581

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9330, -16.9620, 4.5510 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(100, 146, 132)` looks like.

```
.text, #text, p{  
    color:rgb(100, 146, 132)  
}
```

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(100, 146, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 146, 132) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9330, -16.9620, 4.5510 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(100, 146, 132) }
```


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

```
.border{ border-color:rgb(100, 146, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 146, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 146, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 146, 132);  
box-shadow:4px 4px 4px 4px rgb(100, 146,  
132) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9330, -16.9620, 4.5510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 146, 132) }
```

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

```
.background{ background-color: rgb(100,  
146, 132) }
```

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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