

Converting Colors

HunterLab(49.4369, -3.2942,
16.5468)

Have a look what the booklet for
HunterLab(49.4369, -3.2942,
16.5468) contains.

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Color

**HunterLab(49.5032, -3.4034,
16.6043)**

Conversions

Conversions Part 1

Format	Color
Hex	948762
RGB	148, 135, 98
RGB Percent	58%, 53%, 38%
CMY	0.4196, 0.4706, 0.6157
CMYK	0.00, 0.09, 0.34, 0.42
HSL	44°, 20%, 48%
HSV	44°, 34%, 58%
XYZ	23.0813, 24.5057, 15.0688
YIQ	134.6690, 19.6250, -8.7510

Conversions

Conversions Part 2

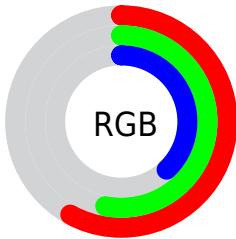
Format	Color
R_{YB}	116, 148, 98
Decimal	9733986
CIE _{Lab}	56.59, -0.95, 21.71
CIE _{LCh}	57, 21.726, 92.500
Yxy	24.5068, 0.3684, 0.3911
Android (android.graphics.Color)	4287924066 (0xFF948762)
YUV	134.6690, -18.0778, 11.6913
Hunter-Lab	49.5032, -3.4034, 16.6043

Details

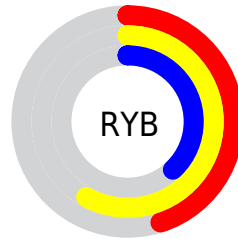
The HunterLab color $49.5032, -3.4034, 16.6043$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $40.1288, 1.2418, -16.6460$, and the grayscale version is $49.1556, -2.6228, 2.6707$.

A 20% lighter version of the original color is $71.2972, -4.5053, 20.2089$, and $30.3691, -2.1869, 12.5604$ is the 20% darker color. If you saturate the color by 10%, you get $48.1646, -3.0545, 19.5012$, and if you desaturate by 10%, it is $50.8977, -3.5230, 13.1707$.

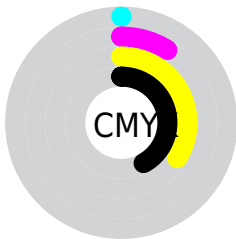
Distribution



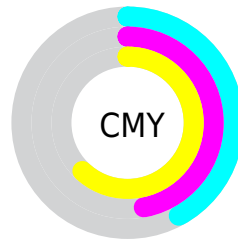
- Red (58%)
- Green (53%)
- Blue (38%)



- Red (45%)
- Yellow (58%)
- Blue (38%)



- Cyan (0%)
- Magenta (9%)
- Yellow (34%)
- Black (42%)



- Cyan (42%)
- Magenta (47%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.5032, -3.4034, 16.6043 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 49.5032, -3.4034, 16.6043 by changing the saturation by 10% instead.

■ 49.5032, -3.4034,
16.6043

■ 49.5032, -3.4034,
16.6043

165.9436,
-10.0040, 32.0399

■ 39.6358, -2.8233,
14.6998

■ 71.3134, -4.6689,
20.2227

■ 30.5273, -2.2775,
12.6967

■ 83.1728, -5.3478,
21.9674

■ 22.2485, -1.7700,
10.5535

■ 95.6252, -6.0562,
23.6835

■ 14.8927, -1.3034,
8.5041

■ 108.6437, -6.7929,
25.3783

■ 8.5425, -0.9398,
5.9797

122.2046, -7.5569,
27.0573

0.0000, NaN, NaN

0.0000, NaN, NaN

136.2869, -8.3473,

28.7250

0.0000, NaN, NaN

150.8722, -9.1633,
30.3849

0.0000, NaN, NaN

■ 49.5032, -3.4034,
16.6043

■ 49.5032, -3.4034,
16.6043

■ 48.1646, -3.0545,
19.5012

■ 50.8977, -3.5230,
13.1707

■ 46.8797, -2.4684,
21.8458

■ 52.3433, -3.4137,
9.2171

■ 45.6504, -1.6467,
23.6314

■ 53.8397, -3.0841,
4.7656

■ 44.4768, -0.5936,
24.8602

■ 55.3850, -2.5423,
-0.1604

■ 43.3583, 0.6817,
25.5474

■ 56.9777, -1.7974,
-5.5364

■ 42.2933, 2.1620,
25.7284

■ 58.6159, -0.8585,
-11.3379

■ 41.6493, 3.1354,
25.7190

■ 60.2978, 0.2646,
-17.5403

■ 62.0217, 1.5625,
-24.1199

■ 63.7859, 3.0255,
-31.0537

Harmonies

Analogous

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



49.5043, 5.6961, 15.3008



49.5032, -3.4034, 16.6043



49.5043, -11.6981, 14.7764

Triad

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



49.5043, -3.4050, 16.6049



49.5043, -16.5523, -7.1077



49.5043, 13.8501, -5.6225

Complementary

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



49.5032, -3.4034, 16.6043



40.1288, 1.2418, -16.6460

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.



49.5043, 7.1114, -13.4971



49.5032, -3.4034, 16.6043



49.5043, -10.4662, -14.4576

Square

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



49.5043, -3.4050, 16.6049



49.5043, -18.9384, 1.9631



49.5043, -1.8785, -16.9827



49.5043, 16.0753, 3.4153

Rectangle

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



49.5032, -3.4034, 16.6043



49.5043, -15.7737, 11.7932



49.5043, -1.8785, -16.9827



49.5043, 12.0147, -8.5452

Sweetspot

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



49.5043, -3.4050, 16.6049



70.2336, -4.4107, 10.1990



40.2326, 15.9679, 2.7656



33.4361, -2.1305, 5.2255



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.



49.5043, -3.4050, 16.6049



64.3222, -4.1735, 25.2056



52.2723, -12.9283, 18.8766



25.4796, -1.5808, 3.4784



38.5517, 2.7923, 23.8042



4.7926, -0.5800, 2.9430

Inverse Universe

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



40.1288, 1.2418, -16.6460



49.0996, 3.6473, -29.3757



37.6397, 10.4928, -20.7553



24.2148, -0.9863, -0.9374



17.5372, 22.1394, -69.7126



2.8268, 0.3990, -4.3946

Previews

White Background



This preview shows how the HunterLab color 49.5032, -3.4034, 16.6043 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 49.5032, -3.4034, 16.6043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

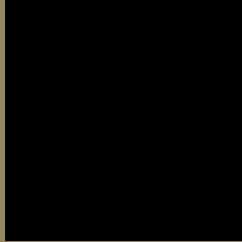
Any Text WCAG AA ✓ Pass

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 49.5032, -3.4034, 16.6043 Background



This preview shows how black text looks on a background with the HunterLab color 49.5032, -3.4034, 16.6043.



This preview shows how white text looks on a background with the HunterLab color 49.5032, -3.4034,

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

49.5032, -3.4034, 16.6043

Protanopia

49.5995, -4.5200, 16.6710

Deuteranopia

49.4400, 3.4978, 16.3698



Tritanopia

49.6296, 6.1325, 1.0486

Trichromacy



Original Color

49.5032, -3.4034, 16.6043

Protanomaly

49.6923, -4.1943, 16.7596

Deuteranomaly

49.4685, 0.8019, 16.3482

Tritanomaly

49.5606, 2.2854, 7.3681

Monochromacy



Original Color

49.5032, -3.4034, 16.6043

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

49.3037, -3.0406, 8.1857

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.5032, -3.4034, 16.6043 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(148, 135, 98)` looks like.

```
.text, #text, p{  
    color:rgb(148, 135, 98)  
}
```

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(148, 135, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 135, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 49.5032, -3.4034, 16.6043 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(148, 135, 98) }
```


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

```
.border{ border-color:rgb(148, 135, 98) }
```

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

Here you see how a box with a 4 pixel rgb(148, 135, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 135, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 135, 98);  
box-shadow:4px 4px 4px 4px rgb(148, 135,  
98) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.5032, -3.4034, 16.6043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 135, 98) }
```

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

```
.background{ background-color: rgb(148,  
135, 98) }
```

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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