

Converting Colors

HunterLab(49.7408, -16.1008,
4.3476)

Have a look what the booklet for
HunterLab(49.7408, -16.1008,
4.3476) contains.

HunterLab(49.7408, -16.1008, 4.3476)	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(49.7408,
-16.1008, 4.3476)**

Conversions

Conversions Part 1

Format	Color
Hex	669184
RGB	102, 145, 132
RGB Percent	40%, 57%, 52%
CMY	0.6000, 0.4314, 0.4823
CMYK	0.30, 0.00, 0.09, 0.43
HSL	162°, 17%, 48%
HSV	162°, 30%, 57%
XYZ	19.7697, 24.7415, 25.5633
YIQ	130.6610, -21.4550, -13.1590

Conversions

Conversions Part 2

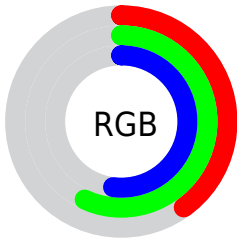
Format	Color
R_{YB}	102, 127, 145
Decimal	6721924
CIE _{Lab}	56.82, -17.64, 2.18
CIE _{LCh}	57, 17.776, 172.969
Yxy	24.7425, 0.2821, 0.3531
Android (android.graphics.Color)	4284912004 (0xFF669184)
YUV	130.6610, 0.6601, -25.1357
Hunter-Lab	49.7408, -16.1008, 4.3476

Details

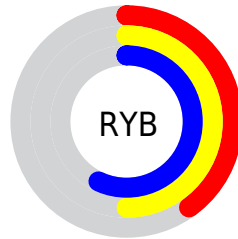
The HunterLab color $49.7408, -16.1008, 4.3476$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $40.9401, 13.4791, 1.9721$, and the grayscale version is $47.5117, -2.5351, 2.5814$.

A 20% lighter version of the original color is $71.5679, -19.2261, 5.7385$, and $30.6379, -12.6458, 2.8208$ is the 20% darker color. If you saturate the color by 10%, you get $48.8370, -19.7682, 5.1142$, and if you desaturate by 10%, it is $50.7816, -12.0057, 3.7181$.

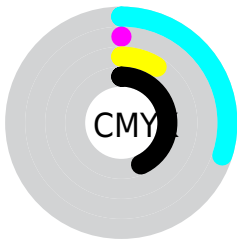
Distribution



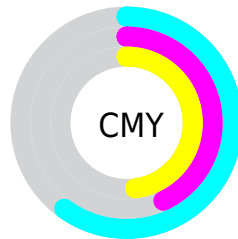
- Red (40%)
- Green (57%)
- Blue (52%)



- Red (40%)
- Yellow (50%)
- Blue (57%)



- Cyan (30%)
- Magenta (0%)
- Yellow (9%)
- Black (43%)



- Cyan (60%)
- Magenta (43%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7408, -16.1008, 4.3476 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 49.7408, -16.1008, 4.3476 by changing the saturation by 10% instead.

■ 49.7408, -16.1008,
4.3476

■ 49.7408, -16.1008,
4.3476

166.2988,
-29.6290, 11.5291

■ 39.8564, -14.5029,
3.6891

■ 71.5815, -19.1904,
5.7557

■ 30.7295, -12.8456,
3.0608

■ 83.4550, -20.7017,
6.5022

■ 22.4305, -11.1001,
2.4638

■ 95.9209, -22.2000,
7.2760

■ 15.0520, -9.2154,
1.8976

■ 108.9522,
-23.6900, 8.0765

■ 8.6915, -9.3092,
1.5108

122.5254,
-25.1754, 8.9027

0.0000, NaN, NaN

0.0000, NaN, NaN

136.6197,

-26.6590, 9.7539

0.0000, NaN, NaN

151.2164,
-28.1429, 10.6296

0.0000, NaN, NaN

■ 49.7408, -16.1008,
4.3476

■ 49.7408, -16.1008,
4.3476

■ 48.8370, -19.7682,
5.1142

■ 50.7816, -12.0057,
3.7181

■ 48.0667, -22.9788,
6.0077

■ 51.9551, -7.5147,
3.2286

■ 47.4284, -25.7158,
7.0171

■ 53.2599, -2.6668,
2.8816

■ 46.9176, -27.9738,
8.1277

■ 54.6925, 2.4977,
2.6763

■ 46.5271, -29.7622,
9.3214

■ 56.2483, 7.9385,
2.6095

■ 46.2466, -31.1080,
10.5772

■ 57.9224, 13.6169,
2.6765

■ 46.0441, -32.1324,
11.8528

■ 59.7095, 19.4967,
2.8711

■ 46.0374, -32.1666,
11.8958

■ 61.6039, 25.5449,
3.1861

■ 63.6001, 31.7323,
3.6141

Harmonies

Analogous

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



49.7418, -13.5928, 10.2410



49.7408, -16.1008, 4.3476



49.7418, -15.1811, -2.9142

Triad

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



49.7418, -16.1015, 4.3483



49.7418, 3.0627, -11.5578



49.7418, 6.2757, 12.4113

Complementary

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



49.7408, -16.1008, 4.3476



40.9401, 13.4791, 1.9721

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.



49.7418, 11.2441, 7.7413



49.7408, -16.1008, 4.3476



49.7418, 9.3141, -6.2265

Square

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



49.7418, -16.1015, 4.3483



49.7418, -4.3996, -12.8197



49.7418, 12.3875, 1.0090



49.7418, -0.8896, 14.4309

Rectangle

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



49.7408, -16.1008, 4.3476



49.7418, -12.7190, -7.5146



49.7418, 12.3875, 1.0090



49.7418, 8.2749, 11.1356

Sweetspot

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



49.7418, -16.1015, 4.3483



69.6042, -9.7629, 4.2945



49.8978, -16.9339, 15.5134



32.7266, -4.9923, 2.0605



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.



49.7418, -16.1015, 4.3483



65.6868, -25.0899, 6.5279



47.7436, -10.4469, -4.0315



24.6757, -3.4562, 1.5220



42.6417, -29.7562, 10.9368



4.2162, -2.6251, 0.3969

Inverse Universe

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



40.9401, 13.4791, 1.9721



51.3139, 23.4350, 2.7745



42.5516, 7.9202, 8.8431



23.3436, 0.9896, 1.1453



23.0705, 40.1988, 9.5604



2.3331, 4.2128, -0.1765

Previews

White Background



This preview shows how the HunterLab color 49.7408, -16.1008, 4.3476 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 49.7408, -16.1008, 4.3476 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 49.7408, -16.1008, 4.3476 Background



This preview shows how black text looks on a background with the HunterLab color 49.7408, -16.1008, 4.3476.



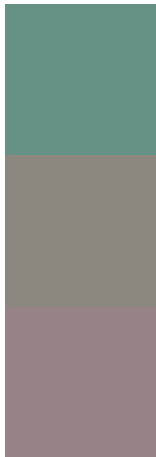
This preview shows how white text looks on a background with the HunterLab color 49.7408,

-16.1008, 4.3476.

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

49.7408, -16.1008, 4.3476

Protanopia

49.4325, -2.3349, 6.3365

Deuteranopia

49.3674, 3.5808, 2.9539



Tritanopia

49.7712, -10.0413, -5.4078

Trichromacy



Original Color

49.7408, -16.1008, 4.3476

Protanomaly

49.4832, -7.9594, 5.4670

Deuteranomaly

49.2291, -4.1224, 3.0990

Tritanomaly

49.6916, -12.3906, -1.5597

Monochromacy



Original Color

49.7408, -16.1008, 4.3476

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 49.7408, -16.1008, 4.3476 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(102, 145, 132)` looks like.

```
.text, #text, p{  
    color:rgb(102, 145, 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(102, 145, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 145, 132) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7408, -16.1008, 4.3476 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(102, 145, 132) }
```


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

```
.border{ border-color:rgb(102, 145, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 145, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 145, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 145, 132);  
box-shadow:4px 4px 4px 4px rgb(102, 145,  
132) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7408, -16.1008, 4.3476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 145, 132) }
```

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

```
.background{ background-color: rgb(102,  
145, 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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