

Converting Colors

HunterLab(49.9427, -14.5478,
10.5637)

Have a look what the booklet for
HunterLab(49.9427, -14.5478,
10.5637) contains.

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Color

**HunterLab(49.9438,
-14.5397, 10.5416)**

Conversions

Conversions Part 1

Format	Color
Hex	749075
RGB	116, 144, 117
RGB Percent	45%, 56%, 46%
CMY	0.5451, 0.4353, 0.5412
CMYK	0.19, 0.00, 0.19, 0.44
HSL	122°, 11%, 51%
HSV	122°, 19%, 56%
XYZ	20.3866, 24.9438, 20.5698
YIQ	132.5500, -8.0210, -14.3330

Conversions

Conversions Part 2

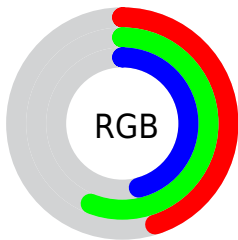
Format	Color
R_{YB}	116, 143, 144
Decimal	7639157
CIE _{Lab}	57.02, -15.45, 11.14
CIE _{LCh}	57, 19.044, 144.202
Y _{xy}	24.9449, 0.3094, 0.3785
Android (android.graphics.Color)	4285829237 (0xFF749075)
YUV	132.5500, -7.6661, -14.5143
Hunter-Lab	49.9438, -14.5397, 10.5416

Details

The HunterLab color $49.9438, -14.5397, 10.5416$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $45.1705, 10.6776, -6.0901$, and the grayscale version is $48.2851, -2.5764, 2.6234$.

A 20% lighter version of the original color is $71.8175, -17.5531, 12.9578$, and $31.0296, -11.7810, 8.1561$ is the 20% darker color. If you saturate the color by 10%, you get $48.7140, -19.7987, 14.0159$, and if you desaturate by 10%, it is $51.3427, -8.7383, 6.7340$.

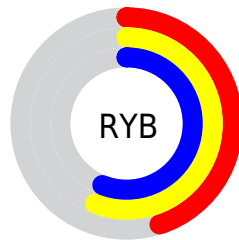
Distribution



Red (45%)

Green (56%)

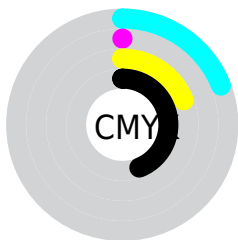
Blue (46%)



Red (45%)

Yellow (56%)

Blue (56%)

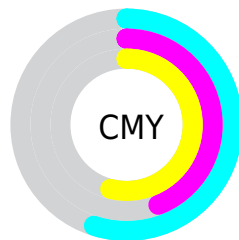


Cyan (19%)

Magenta (0%)

Yellow (19%)

Black (44%)



Cyan (55%)

Magenta (44%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9438, -14.5397, 10.5416 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 49.9438, -14.5397, 10.5416 by changing the saturation by 10% instead.

■ 49.9438, -14.5397,
10.5416

■ 49.9438, -14.5397,
10.5416

166.6023,
-27.1318, 21.3563

■ 40.0450, -13.0820,
9.3434

■ 71.8107, -17.3805,
12.9132

■ 30.9025, -11.5787,
8.1224

■ 83.6963, -18.7789,
14.0973

■ 22.5863, -10.0066,
6.8615

■ 96.1736, -20.1704,
15.2855

■ 15.1884, -8.3230,
5.5295

■ 109.2158,
-21.5588, 16.4804

■ 8.8167, -8.1050,
5.7172

122.7995,
-22.9472, 17.6837

0.0000, NaN, NaN

136.9039,

0.0000, NaN, NaN

-24.3377, 18.8968

0.0000, NaN, NaN

151.5104,
-25.7321, 20.1207

0.0000, NaN, NaN

■ 49.9438, -14.5397,
10.5416

■ 49.9438, -14.5397,
10.5416

■ 48.7140, -19.7987,
14.0159

■ 51.3427, -8.7383,
6.7340

■ 47.6534, -24.4505,
17.1137

■ 52.9023, -2.4584,
2.6353

■ 46.7641, -28.4445,
19.7999

■ 54.6172, 4.2316,
-1.7099

■ 46.0444, -31.7444,
22.0481

■ 56.4801, 11.2670,
-6.2599

■ 45.4893, -34.3348,
23.8446

■ 58.4830, 18.5881,
-10.9766

■ 45.0901, -36.2256,
25.1912

■ 60.6178, 26.1416,
-15.8263

■ 44.8336, -37.4565,
26.1076

■ 62.8764, 33.8815,
-20.7801

■ 44.6828, -38.1824,
26.6396

■ 65.2507, 41.7684,
-25.8135

■ 44.6752, -38.2189,
26.6635

■ 67.7332, 49.7699,
-30.9066

Harmonies

Analogous

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



49.9449, -8.8180, 14.3076



49.9438, -14.5397, 10.5416



49.9449, -17.0673, 4.1743

Triad

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



49.9449, -14.5407, 10.5422



49.9449, -4.2120, -14.1387



49.9449, 12.1501, 8.3526

Complementary

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



49.9438, -14.5397, 10.5416



45.1705, 10.6776, -6.0901

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.



49.9449, 13.5744, 1.2178



49.9438, -14.5397, 10.5416



49.9449, 3.7956, -12.5529

Square

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



49.9449, -14.5407, 10.5422



49.9449, -11.3498, -10.6643



49.9449, 10.4300, -6.6194



49.9449, 6.6515, 13.1896

Rectangle

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



49.9438, -14.5397, 10.5416



49.9449, -16.7211, -1.0059



49.9449, 10.4300, -6.6194



49.9449, 13.1351, 6.1767

Sweetspot

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



49.9449, -14.5407, 10.5422



68.8498, -8.8997, 7.1743



52.0137, -7.0623, 13.0923



32.9156, -4.4843, 3.5809



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.



49.9449, -14.5407, 10.5422



65.6436, -22.2137, 15.9144



50.2966, -12.5377, 5.4879



24.5608, -4.0977, 3.1670



41.6898, -35.6584, 24.8676



4.0825, -3.4484, 2.3413

Inverse Universe

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



45.1705, 10.6776, -6.0901



58.0435, 17.9784, -10.5894



44.7296, 8.3788, 0.1476



23.4686, 1.6603, -0.6316



26.0455, 50.8249, -31.3946



2.5599, 5.0154, -3.2410

Previews

White Background



This preview shows how the HunterLab color 49.9438, -14.5397, 10.5416 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 49.9438, -14.5397, 10.5416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

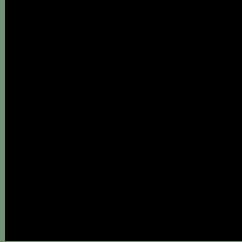
Any Text WCAG AA ✓ Pass

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 49.9438, -14.5397, 10.5416 Background



This preview shows how black text looks on a background with the HunterLab color 49.9438, -14.5397, 10.5416.



This preview shows how white text looks on a background with the HunterLab color 49.9438,

-14.5397, 10.5416.

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

49.9438, -14.5397, 10.5416

Protanopia

49.7291, -3.4407, 11.9562

Deuteranopia

49.6554, 3.7517, 9.4460



Tritanopia

49.8044, -5.5723, -3.7579

Trichromacy



Original Color

49.9438, -14.5397, 10.5416

Protanomaly

49.7478, -7.7568, 11.5455

Deuteranomaly

49.6014, -3.6062, 9.6392

Tritanomaly

49.8777, -9.0612, 1.9935

Monochromacy



Original Color

49.9438, -14.5397, 10.5416

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.9241, -7.0690, 5.6901

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9438, -14.5397, 10.5416 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(116, 144, 117)` looks like.

```
.text, #text, p{  
    color:rgb(116, 144, 117)  
}
```

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(116, 144, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 144, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9438, -14.5397, 10.5416 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(116, 144, 117) }
```


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

```
.border{ border-color:rgb(116, 144, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 144, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 144, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 144, 117);  
box-shadow:4px 4px 4px 4px rgb(116, 144,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9438, -14.5397, 10.5416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 144, 117) }
```

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

```
.background{ background-color: rgb(116,  
144, 117) }
```

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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