

Converting Colors

HunterLab(49.8180, -22.9974,
9.4371)

Have a look what the booklet for
HunterLab(49.8180, -22.9974,
9.4371) contains.

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Color

**HunterLab(49.8049,
-22.9515, 9.5111)**

Conversions

Conversions Part 1

Format	Color
Hex	569577
RGB	86, 149, 119
RGB Percent	34%, 58%, 47%
CMY	0.6627, 0.4157, 0.5333
CMYK	0.42, 0.00, 0.20, 0.42
HSL	151°, 27%, 46%
HSV	151°, 42%, 58%
XYZ	17.9150, 24.8053, 21.2965
YIQ	126.7430, -27.9180, -22.6860

Conversions

Conversions Part 2

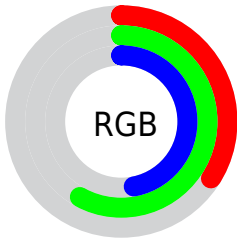
Format	Color
RYB	86, 127, 149
Decimal	5674359
CIELab	56.89, -27.48, 9.57
CIELCh	57, 29.100, 160.800
Yxy	24.8063, 0.2798, 0.3875
Android (android.graphics.Color)	4283864439 (0xFF569577)
YUV	126.7430, -3.8173, -35.7316
Hunter-Lab	49.8049, -22.9515, 9.5111

Details

The HunterLab color **49.8049, -22.9515, 9.5111** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **37.8242, 22.8848, -2.1938**, and the grayscale version is **45.9911, -2.4540, 2.4988**.

A 20% lighter version of the original color is **71.5130, -26.9181, 11.6519**, and **30.8713, -18.3801, 7.2521** is the 20% darker color. If you saturate the color by 10%, you get **48.9970, -26.4598, 11.2122**, and if you desaturate by 10%, it is **50.7600, -18.9353, 7.8525**.

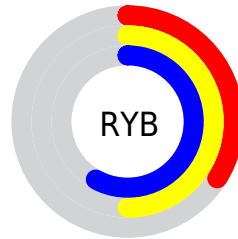
Distribution



Red (34%)

Green (58%)

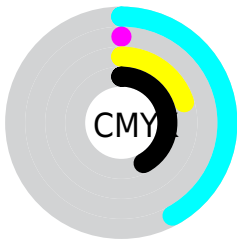
Blue (47%)



Red (34%)

Yellow (50%)

Blue (58%)

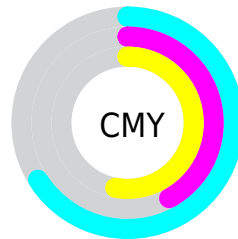


Cyan (42%)

Magenta (0%)

Yellow (20%)

Black (42%)



Cyan (66%)

Magenta (42%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8049, -22.9515, 9.5111 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 49.8049, -22.9515, 9.5111 by changing the saturation by 10% instead.

■ 49.8049, -22.9515,
9.5111

■ 49.8049, -22.9515,
9.5111

166.3947,
-40.7570, 19.6688

■ 39.9159, -20.7121,
8.4115

■ 71.6539, -27.1816,
11.7073

■ 30.7841, -18.3478,
7.2992

■ 83.5312, -29.2091,
12.8121

■ 22.4796, -15.8071,
6.1606

■ 96.0007, -31.1954,
13.9253

■ 15.0950, -13.0004,
4.9700

■ 109.0354,
-33.1493, 15.0490

■ 8.7312, -14.1817,
5.0186

■ 122.6120,
-35.0775, 16.1843

0.0000, NaN, NaN

136.7094,

0.0000, NaN, NaN

-36.9855, 17.3323

0.0000, NaN, NaN

151.3092,
-38.8774, 18.4936

0.0000, NaN, NaN

■ 49.8049, -22.9515,
9.5111

■ 49.8049, -22.9515,
9.5111

■ 48.9970, -26.4598,
11.2122

■ 50.7600, -18.9353,
7.8525

■ 48.3306, -29.4368,
12.9332

■ 51.8595, -14.4415,
6.2532

■ 47.8016, -31.8762,
14.6521

■ 53.1031, -9.5113,
4.7292

■ 47.4020, -33.7885,
16.3451

■ 54.4877, -4.1896,
3.2930

■ 47.1202, -35.2054,
17.9878

■ 56.0093, 1.4764,
1.9540

■ 46.9538, -36.0755,
19.1885

■ 57.6629, 7.4402,
0.7183

■ 59.4427, 13.6573,
-0.4107

■ 61.3427, 20.0865,
-1.4318

■ 63.3568, 26.6909,
-2.3460

Harmonies

Analogous

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



49.8059, -17.0935, 16.8292



49.8049, -22.9515, 9.5111



49.8059, -23.6905, -1.6589

Triad

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



49.8059, -22.9522, 9.5117



49.8059, 1.8167, -24.5998



49.8059, 16.3904, 15.2096

Complementary

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



49.8049, -22.9515, 9.5111



37.8242, 22.8848, -2.1938

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.



49.8059, 22.5675, 6.7178



49.8049, -22.9515, 9.5111



49.8059, 13.6305, -17.3352

Square

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



49.8059, -22.9522, 9.5117



49.8059, -10.1494, -23.3331



49.8059, 21.5114, -5.2083



49.8059, 5.2995, 19.5288

Rectangle

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



49.8049, -22.9515, 9.5111



49.8059, -21.2674, -10.1364



49.8059, 21.5114, -5.2083



49.8059, 19.1565, 12.8461

Sweetspot

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



49.8059, -22.9522, 9.5117



70.8910, -13.3999, 6.5239



50.9037, -20.0345, 20.7609



33.2081, -6.9542, 3.2628



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.



49.8059, -22.9522, 9.5117



65.5924, -35.3010, 14.9474



50.3126, -17.6389, -2.8152



25.5267, -3.7726, 2.0398



43.0819, -33.0519, 17.5009



4.8284, -3.2746, 1.0340

Inverse Universe

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



37.8242, 22.8848, -2.1938



46.4482, 38.5029, -3.3859



37.2646, 18.5515, 9.2787



24.2046, 1.2179, 0.7116



24.0126, 42.7395, 2.9805



2.7652, 5.1205, -1.1971

Previews

White Background



This preview shows how the HunterLab color 49.8049, -22.9515, 9.5111 looks on a white background.

Color Contrast Check

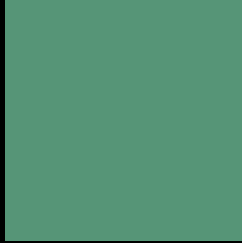
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.8049, -22.9515, 9.5111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

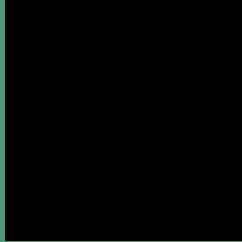
Any Text WCAG AA ✓ Pass

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 49.8049, -22.9515, 9.5111 Background



This preview shows how black text looks on a background with the HunterLab color 49.8049, -22.9515, 9.5111.



This preview shows how white text looks on a background with the HunterLab color 49.8049,

-22.9515, 9.5111.

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

49.8049, -22.9515, 9.5111

Protanopia

49.7066, -3.5645, 12.2819

Deuteranopia

49.5305, 3.4821, 8.1502



Tritanopia

49.7792, -12.9108, -7.0141

Trichromacy



Original Color

49.8049, -22.9515, 9.5111

Protanomaly

49.4960, -11.6499, 10.8661

Deuteranomaly

49.2435, -7.6816, 8.0404

Tritanomaly

49.8159, -16.7665, -0.5260

Monochromacy



Original Color

49.8049, -22.9515, 9.5111

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

47.1465, -10.6310, 4.8850

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8049, -22.9515, 9.5111 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(86, 149, 119)` looks like.

```
.text, #text, p{  
    color:rgb(86, 149, 119)  
}
```

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(86, 149, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 149, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8049, -22.9515, 9.5111 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(86, 149, 119) }
```


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

```
.border{ border-color:rgb(86, 149, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 149, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 149, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 149, 119);  
box-shadow:4px 4px 4px 4px rgb(86, 149,  
119) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8049, -22.9515, 9.5111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 149, 119) }
```

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

```
.background{ background-color: rgb(86, 149,  
119) }
```

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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