

Converting Colors

HunterLab(49.1227, -24.2419,
10.8510)

Have a look what the booklet for
HunterLab(49.1227, -24.2419,
10.8510) contains.

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Color

**HunterLab(49.1135,
-24.2946, 10.9783)**

Conversions

Conversions Part 1

Format	Color
Hex	519471
RGB	81, 148, 113
RGB Percent	32%, 58%, 44%
CMY	0.6823, 0.4196, 0.5569
CMYK	0.45, 0.00, 0.24, 0.42
HSL	149°, 29%, 45%
HSV	149°, 45%, 58%
XYZ	16.9638, 24.1214, 19.3846
YIQ	123.9770, -28.6970, -25.0890

Conversions

Conversions Part 2

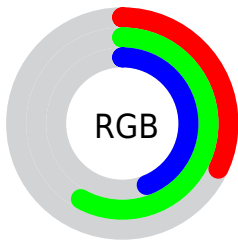
Format	Color
R_{YB}	81, 126, 148
Decimal	5346417
CIE _{Lab}	56.21, -29.73, 11.99
CIE _{LCh}	56, 32.059, 158.042
Yxy	24.1223, 0.2805, 0.3989
Android (android.graphics.Color)	4283536497 (0xFF519471)
YUV	123.9770, -5.4117, -37.6908
Hunter-Lab	49.1135, -24.2946, 10.9783

Details

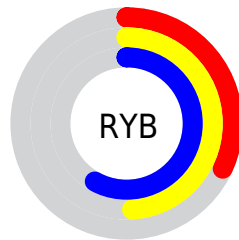
The HunterLab color $49.1135, -24.2946, 10.9783$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $36.6636, 24.9742, -3.6920$, and the grayscale version is $44.9154, -2.3966, 2.4403$.

A 20% lighter version of the original color is $70.7291, -28.5218, 13.2435$, and $30.2722, -19.4793, 8.5177$ is the 20% darker color. If you saturate the color by 10%, you get $48.3440, -27.6877, 12.8247$, and if you desaturate by 10%, it is $50.0306, -20.3782, 9.1365$.

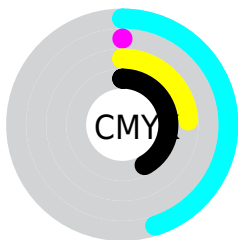
Distribution



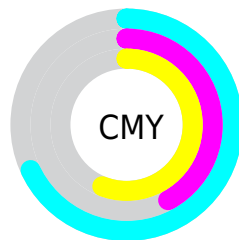
- Red (32%)
- Green (58%)
- Blue (44%)



- Red (32%)
- Yellow (49%)
- Blue (58%)



- Cyan (45%)
- Magenta (0%)
- Yellow (24%)
- Black (42%)



- Cyan (68%)
- Magenta (42%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1135, -24.2946, 10.9783 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 49.1135, -24.2946, 10.9783 by changing the saturation by 10% instead.

■ 49.1135, -24.2946,
10.9783

■ 49.1135, -24.2946,
10.9783

165.3597,
-43.1236, 22.1483

■ 39.2739, -21.8962,
9.7242

■ 70.8730, -28.8028,
13.4469

■ 30.1957, -19.3540,
8.4405

■ 82.7092, -30.9547,
14.6743

■ 21.9501, -16.6092,
7.1072

■ 95.1395, -33.0579,
15.9032

■ 14.6319, -13.5589,
5.6881

■ 108.1368,
-35.1222, 17.1363

■ 8.2915, -14.5102,
5.8041

■ 121.6774,
-37.1555, 18.3760

0.0000, NaN, NaN

135.7402,

0.0000, NaN, NaN

-39.1637, 19.6238

0.0000, NaN, NaN

150.3066,
-41.1517, 20.8809

0.0000, NaN, NaN

■ 49.1135, -24.2946,
10.9783

■ 49.1135, -24.2946,
10.9783

■ 48.3440, -27.6877,
12.8247

■ 50.0306, -20.3782,
9.1365

■ 47.7159, -30.5367,
14.6512

■ 51.0932, -15.9676,
7.3191

■ 47.2245, -32.8390,
16.4346


■ 52.3012, -11.1032,
5.5454


■ 46.8608, -34.6103,
18.1506


■ 53.6518, -5.8306,
3.8315


■ 46.6100, -35.8966,
19.7740


■ 55.1410, -0.1979,
2.1903

 46.5098, -36.4210,
20.4892

 56.7640, 5.7468,
0.6317

 58.5151, 11.9574,
-0.8375

 60.3883, 18.3909,
-2.2132

 62.3772, 25.0086,
-3.4936

Harmonies

Analogous

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



49.1145, -17.5046, 18.3162



49.1135, -24.2946, 10.9783



49.1145, -25.6067, -0.8781

Triad

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



49.1145, -24.2953, 10.9788



49.1145, 1.0310, -28.2890



49.1145, 19.3448, 15.4990

Complementary

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



49.1135, -24.2946, 10.9783



36.6636, 24.9742, -3.6920

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.



49.1145, 25.5607, 5.9781



49.1135, -24.2946, 10.9783



49.1145, 14.2724, -20.7936

Square

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



49.1145, -24.2953, 10.9788



49.1145, -11.8853, -25.9009



49.1145, 23.6114, -7.3958



49.1145, 7.3805, 20.3970

Rectangle

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



49.1135, -24.2946, 10.9783



49.1145, -23.3456, -10.2918



49.1145, 23.6114, -7.3958



49.1145, 22.2311, 12.8507

Sweetspot

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



49.1145, -24.2953, 10.9788



69.6410, -14.0775, 7.1364



50.5355, -19.9972, 21.6563



33.1127, -7.3634, 3.6289



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.



49.1145, -24.2953, 10.9788



64.2332, -36.6975, 16.9880



49.9982, -19.1141, -1.6625



25.5182, -3.8199, 2.1611



42.9902, -33.6205, 18.8431



4.8177, -3.3401, 1.1885

Inverse Universe

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



36.6636, 24.9742, -3.6920



44.7604, 40.9609, -5.5613



35.7901, 20.7874, 8.7819



24.2135, 1.2660, 0.5842



24.1759, 43.3336, 0.6477



2.7838, 5.1869, -1.4526

Previews

White Background



This preview shows how the HunterLab color 49.1135, -24.2946, 10.9783 looks on a white background.

Color Contrast Check

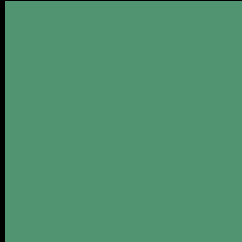
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.1135, -24.2946, 10.9783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

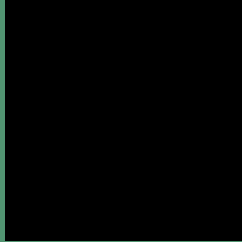
Any Text WCAG AA ✓ Pass

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 49.1135, -24.2946, 10.9783 Background



This preview shows how black text looks on a background with the HunterLab color 49.1135, -24.2946, 10.9783.



This preview shows how white text looks on a background with the HunterLab color 49.1135,

-24.2946, 10.9783.

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

49.1135, -24.2946, 10.9783

Protanopia

48.9188, -3.6741, 13.5526

Deuteranopia

48.7413, 3.3204, 9.6204



Tritanopia

49.1957, -13.6355, -6.7693

Trichromacy



Original Color

49.1135, -24.2946, 10.9783

Protanomaly

48.5412, -12.3622, 12.0226

Deuteranomaly

48.3542, -8.1726, 9.3927

Tritanomaly

49.1336, -17.9892, 0.4858

Monochromacy



Original Color

49.1135, -24.2946, 10.9783

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

46.1728, -11.3627, 5.4352

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1135, -24.2946, 10.9783 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(81, 148, 113)` looks like.

```
.text, #text, p{  
    color:rgb(81, 148, 113)  
}
```

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(81, 148, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 148, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1135, -24.2946, 10.9783 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(81, 148, 113) }
```


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

```
.border{ border-color:rgb(81, 148, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 148, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 148, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 148, 113);  
box-shadow:4px 4px 4px 4px rgb(81, 148,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1135, -24.2946, 10.9783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 148, 113) }
```

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

```
.background{ background-color: rgb(81, 148,  
113) }
```

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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