

Converting Colors

HunterLab(49.9226, 0.3274,
-12.9799)

Have a look what the booklet for
HunterLab(49.9226, 0.3274,
-12.9799) contains.

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Color

**HunterLab(49.9475, 0.5936,
-13.1873)**

Conversions

Conversions Part 1

Format	Color
Hex	7F88A8
RGB	127, 136, 168
RGB Percent	50%, 53%, 66%
CMY	0.5020, 0.4667, 0.3412
CMYK	0.24, 0.19, 0.00, 0.34
HSL	227°, 19%, 58%
HSV	227°, 24%, 66%
XYZ	24.6245, 24.9475, 40.5633
YIQ	136.9570, -15.6360, 8.0440

Conversions

Conversions Part 2

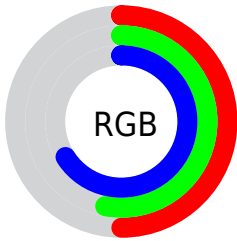
Format	Color
R_{YB}	127, 134, 168
Decimal	8358056
CIE Lab	57.03, 3.99, -18.00
CIE LCh	57, 18.440, 282.485
Yxy	24.9485, 0.2732, 0.2768
Android (android.graphics.Color)	4286548136 (0xFF7F88A8)
YUV	136.9570, 15.3042, -8.7323
Hunter-Lab	49.9475, 0.5936, -13.1873

Details

The HunterLab color $49.9475, 0.5936, -13.1873$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $58.8673, -4.8407, 15.9654$, and the grayscale version is $49.9453, -2.6650, 2.7136$.

A 20% lighter version of the original color is $71.7121, -0.1956, -13.5339$, and $30.8128, 1.3474, -12.7832$ is the 20% darker color. If you saturate the color by 10%, you get $45.0490, 2.7611, -20.9501$, and if you desaturate by 10%, it is $55.0181, -1.2190, -6.0422$.

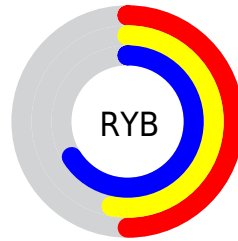
Distribution



Red (50%)

Green (53%)

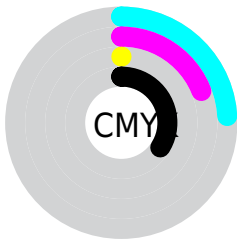
Blue (66%)



Red (50%)

Yellow (53%)

Blue (66%)

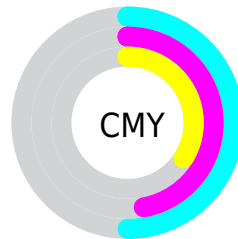


Cyan (24%)

Magenta (19%)

Yellow (0%)

Black (34%)



Cyan (50%)

Magenta (47%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9475, 0.5936, -13.1873 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 49.9475, 0.5936, -13.1873 by changing the saturation by 10% instead.

■ 49.9475, 0.5936,
-13.1873

■ 49.9475, 0.5936,
-13.1873

166.6078, -4.0606,
-12.9514

■ 40.0484, 0.8963,
-12.9177

■ 71.8148, -0.1655,
-13.5216

■ 30.9056, 1.1411,
-12.5787

■ 83.7006, -0.6118,
-13.5959

■ 22.5890, 1.3184,
-12.1737

■ 96.1781, -1.0985,
-13.6129

■ 15.1908, 1.4151,
-11.7269

109.2205, -1.6230,
-13.5763

■ 8.8189, 1.4987,
-11.4070

122.8044, -2.1832,
-13.4892

0.0000, NaN, -NF

0.0000, NaN, NaN

136.9090, -2.7773,

-13.3544

0.0000, NaN, NaN

151.5157, -3.4035,
-13.1743

0.0000, NaN, NaN

■ 49.9475, 0.5936,
-13.1873

■ 49.9475, 0.5936,
-13.1873

■ 45.0490, 2.7611,
-20.9501

■ 55.0181, -1.2190,
-6.0422

■ 40.3481, 5.3735,
-29.4817

■ 60.2358, -2.7439,
0.6045

■ 35.8839, 8.5384,
-38.9495

■ 65.5846, -4.0360,
6.8516

■ 31.7074, 12.3794,
-49.5184

■ 71.0510, -5.1374,
12.7773

■ 27.8871, 17.0129,
-61.2813

■ 76.6239, -6.0812,
18.4432

■ 24.5126, 22.4858,
-74.1075

■ 82.2944, -6.8935,
23.8984

■ 21.6926, 28.6450,
-87.3860

■ 88.0551, -7.5950,
29.1819

■ 20.3545, 32.1323,
-94.8059

■ 93.2400, -10.5282,
33.7125

■ 97.4559, -17.1467,
37.2136

Harmonies

Analogous

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



49.9485, -7.0715, -12.7671



49.9475, 0.5936, -13.1873



49.9485, 7.7945, -8.8984

Triad

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



49.9485, 0.5929, -13.1863



49.9485, 8.7969, 11.3724



49.9485, -16.0922, 6.7975

Complementary

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



49.9475, 0.5936, -13.1873



58.8673, -4.8407, 15.9654

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.



49.9485, -12.3341, 12.0791



49.9475, 0.5936, -13.1873



49.9485, 1.8940, 14.4306

Square

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



49.9485, 0.5929, -13.1863



49.9485, 12.7212, 5.6857



49.9485, -5.8469, 14.6679



49.9485, -16.3933, -0.4420

Rectangle

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



49.9475, 0.5936, -13.1873



49.9485, 11.2393, -4.2793



49.9485, -5.8469, 14.6679



49.9485, -15.2023, 8.8312

Sweetspot

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



49.9485, 0.5929, -13.1863



79.2092, -3.1705, -1.5668



59.1620, -16.1434, 3.5581



36.7959, -1.4286, -0.9609



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.9485, 0.5929, -13.1863



63.8692, 2.2297, -23.0104



48.3779, 8.0539, -15.4512



27.4914, -0.9684, -1.2326



17.8703, 27.3267, -81.3268



3.8622, 1.4895, -8.0428

Inverse Universe

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



50.2811, 12.0570, 3.7268



64.5551, 20.7657, 5.3660



60.5912, -12.4952, 17.4691



27.5105, 1.1430, 1.6065



25.2852, 43.7244, 13.0628



4.0345, 7.1524, 0.7212

Previews

White Background



This preview shows how the HunterLab color 49.9475, 0.5936, -13.1873 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 49.9475, 0.5936, -13.1873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

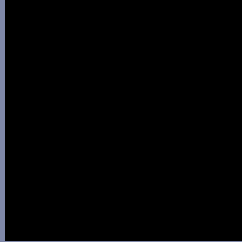
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

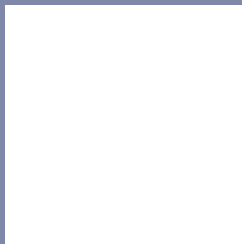
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 49.9475, 0.5936, -13.1873 Background



This preview shows how black text looks on a background with the HunterLab color 49.9475, 0.5936, -13.1873.



This preview shows how white text looks on a background with the HunterLab color 49.9475, 0.5936, -13.1873.

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

49.9475, 0.5936, -13.1873

Protanopia

49.8219, 1.6108, -13.3577

Deuteranopia

49.9457, 3.4593, -13.1399



Tritanopia

49.8781, -5.3122, -3.6573

Trichromacy



Original Color

49.9475, 0.5936, -13.1873

Protanomaly

49.7436, 1.3450, -13.4799

Deuteranomaly

49.9804, 2.1477, -13.1109

Tritanomaly

49.8963, -3.2974, -7.2155

Monochromacy



Original Color

49.9475, 0.5936, -13.1873

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

50.0160, -2.0045, -2.4274

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9475, 0.5936, -13.1873 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(127, 136, 168)` looks like.

```
.text, #text, p{  
    color:rgb(127, 136, 168)  
}
```

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(127, 136, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 136, 168) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9475, 0.5936, -13.1873 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(127, 136, 168) }
```


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

```
.border{ border-color:rgb(127, 136, 168) }
```

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

Here you see how a box with a 4 pixel rgb(127, 136, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 136, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 136, 168);  
box-shadow:4px 4px 4px 4px rgb(127, 136,  
168) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9475, 0.5936, -13.1873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 136, 168) }
```

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

```
.background{ background-color: rgb(127,  
136, 168) }
```

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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