

Converting Colors

HunterLab(49.8075, -18.8938,
-9.2290)

Have a look what the booklet for
HunterLab(49.8075, -18.8938,
-9.2290) contains.

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Color

**HunterLab(49.8075,
-18.8938, -9.2290)**

Conversions

Conversions Part 1

Format	Color
Hex	4094A0
RGB	64, 148, 160
RGB Percent	25%, 58%, 63%
CMY	0.7490, 0.4196, 0.3725
CMYK	0.60, 0.07, 0.00, 0.37
HSL	187°, 43%, 44%
HSV	187°, 60%, 63%
XYZ	19.0494, 24.8079, 37.0421
YIQ	124.2520, -53.9160, -14.0760

Conversions

Conversions Part 2

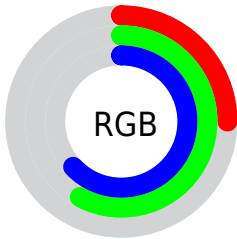
Format	Color
R _Y B	64, 109, 160
Decimal	4232352
CIE Lab	56.89, -21.56, -13.95
CIE LCh	57, 25.682, 212.897
Yxy	24.8088, 0.2355, 0.3067
Android (android.graphics.Color)	4282422432 (0xFF4094A0)
YUV	124.2520, 17.6238, -52.8410
Hunter-Lab	49.8075, -18.8938, -9.2290

Details

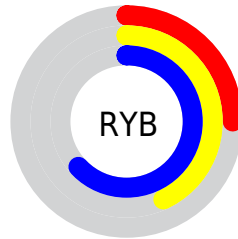
The HunterLab color $49.8075, -18.8938, -9.2290$ is a dark color, and the websafe version is hex 339999 . A complement of this color would be $36.0740, 25.9754, 14.7100$, and the grayscale version is $44.9430, -2.3980, 2.4418$.

A 20% lighter version of the original color is $71.5628, -22.2910, -9.5581$, and $31.0701, -13.9560, -8.7078$ is the 20% darker color. If you saturate the color by 10%, you get $48.7084, -19.8487, -10.8168$, and if you desaturate by 10%, it is $51.0463, -17.4338, -7.4799$.

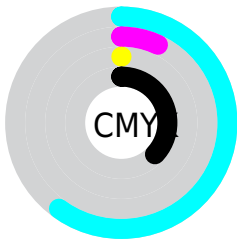
Distribution



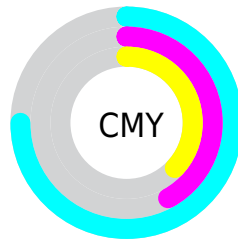
- Red (25%)
- Green (58%)
- Blue (63%)



- Red (25%)
- Yellow (43%)
- Blue (63%)



- Cyan (60%)
- Magenta (7%)
- Yellow (0%)
- Black (37%)



- Cyan (75%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8075, -18.8938, -9.2290 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 49.8075, -18.8938, -9.2290 by changing the saturation by 10% instead.

■ 49.8075, -18.8938,
-9.2290

■ 49.8075, -18.8938,
-9.2290

166.3984,
-34.1092, -7.7567

■ 39.9182, -17.0434,
-9.1069

■ 71.6567, -22.4317,
-9.2699

■ 30.7862, -15.1088,
-8.9110

■ 83.5342, -24.1464,
-9.2005

■ 22.4816, -13.0520,
-8.6361

■ 96.0038, -25.8373,
-9.0769

■ 15.0967, -10.8070,
-8.2847

■ 109.0387,
-27.5104, -8.9026

■ 8.7328, -11.2266,
-7.9674

■ 122.6154,
-29.1708, -8.6809

0.0000, NaN, -NF

0.0000, NaN, NaN

136.7129,

-30.8221, -8.4144

0.0000, NaN, NaN

151.3129,
-32.4674, -8.1056

0.0000, NaN, NaN

■ 49.8075, -18.8938,
-9.2290

■ 49.8075, -18.8938,
-9.2290

■ 48.7084, -19.8487,
-10.8168

■ 51.0463, -17.4338,
-7.4799

■ 47.7416, -20.3056,
-12.2405

■ 52.4236, -15.4762,
-5.5820

■ 46.8989, -20.2917,
-13.5015

■ 53.9398, -13.0404,
-3.5478

■ 46.1466, -19.9353,
-14.6443

■ 55.5925, -10.1538,
-1.3921

■ 46.1464, -19.9352,
-14.6446

■ 57.3779, -6.8493,
0.8696

■ 59.2912, -3.1624,
3.2221

■ 61.3270, 0.8704,
5.6512

■ 63.4797, 5.2135,
8.1441

■ 65.7432, 9.8329,
10.6892

Harmonies

Analogous

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



49.8084, -21.7137, 1.7047



49.8075, -18.8938, -9.2290



49.8084, -11.7547, -18.2239

Triad

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



49.8084, -18.8940, -9.2282



49.8084, 17.1625, -7.1326



49.8084, -3.7032, 18.6547

Complementary

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



49.8075, -18.8938, -9.2290



36.0740, 25.9754, 14.7100

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.



49.8084, 7.1374, 17.2612



49.8075, -18.8938, -9.2290



49.8084, 19.7726, 3.6971

Square

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



49.8084, -18.8940, -9.2282



49.8084, 9.1023, -16.8444



49.8084, 15.9620, 12.2738



49.8084, -13.4235, 16.5861

Rectangle

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



49.8075, -18.8938, -9.2290



49.8084, -5.1972, -21.0867



49.8084, 15.9620, 12.2738



49.8084, -0.0716, 18.5747

Sweetspot

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



49.8084, -18.8940, -9.2282



75.2943, -12.9850, -1.3823



51.7135, -35.4002, 23.5719



34.9619, -6.6214, -1.0317



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



49.8084, -18.8940, -9.2282



65.1719, -27.0285, -15.2510



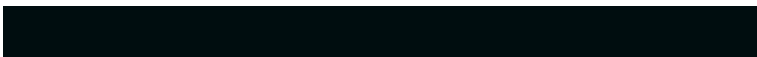
35.9131, 2.2363, -32.7382



27.1439, -3.1063, 0.4933



40.7824, -17.6637, -12.8437



5.7724, -2.7635, -1.2494

Inverse Universe

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



36.4407, 42.4085, -22.3889



45.1460, 68.0329, -35.1803



46.9682, 3.4336, 22.8777



25.9621, 1.7898, -0.4579



27.0208, 51.7489, -24.9808



3.6628, 7.0936, -3.9966

Previews

White Background



This preview shows how the HunterLab color 49.8075, -18.8938, -9.2290 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 49.8075, -18.8938, -9.2290 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

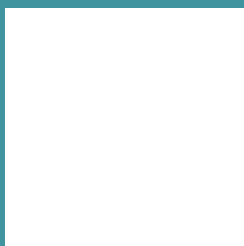
Any Text WCAG AAA × Fail

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

HunterLab 49.8075, -18.8938, -9.2290 Background



This preview shows how black text looks on a background with the HunterLab color 49.8075, -18.8938, -9.2290.



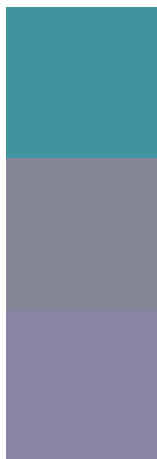
This preview shows how white text looks on a background with the HunterLab color 49.8075,

-18.8938, -9.2290.

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

49.8075, -18.8938, -9.2290

Protanopia

49.5468, -0.5215, -4.5142

Deuteranopia

49.5684, 3.2465, -10.8454



Tritanopia

49.8075, -18.8938, -9.2290

Trichromacy



Original Color

49.8075, -18.8938, -9.2290

Protanomaly

49.2721, -8.7171, -6.5790

Deuteranomaly

49.0273, -6.0028, -11.2323

Tritanomaly

49.8075, -18.8938, -9.2290

Monochromacy



Original Color

49.8075, -18.8938, -9.2290

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

46.2666, -10.0460, -1.9954

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8075, -18.8938, -9.2290 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(64, 148, 160)` looks like.

```
.text, #text, p{  
    color:rgb(64, 148, 160)  
}
```

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(64, 148, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 148, 160) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8075, -18.8938, -9.2290 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(64, 148, 160) }
```


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

```
.border{ border-color:rgb(64, 148, 160) }
```

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

Here you see how a box with a 4 pixel rgb(64, 148, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 148, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 148, 160);  
box-shadow:4px 4px 4px 4px rgb(64, 148,  
160) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8075, -18.8938, -9.2290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 148, 160) }
```

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

```
.background{ background-color: rgb(64, 148,  
160) }
```

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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