

Converting Colors

HunterLab(49.4792, -23.4997,
-8.1463)

Have a look what the booklet for
HunterLab(49.4792, -23.4997,
-8.1463) contains.

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Color

**HunterLab(49.5058,
-23.5406, -8.1095)**

Conversions

Conversions Part 1

Format	Color
Hex	1D969D
RGB	29, 150, 157
RGB Percent	11%, 59%, 62%
CMY	0.8862, 0.4118, 0.3843
CMYK	0.82, 0.04, 0.00, 0.38
HSL	183°, 69%, 36%
HSV	183°, 82%, 62%
XYZ	17.4989, 24.5082, 35.7066
YIQ	114.6190, -74.3630, -23.4750

Conversions

Conversions Part 2

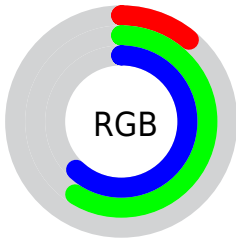
Format	Color
R_{YB}	29, 91, 157
Decimal	1939101
CIE _{Lab}	56.59, -28.46, -12.76
CIE _{LCh}	57, 31.188, 204.147
Yxy	24.5091, 0.2252, 0.3154
Android (android.graphics.Color)	4280129181 (0xFF1D969D)
YUV	114.6190, 20.8938, -75.0879
Hunter-Lab	49.5058, -23.5406, -8.1095

Details

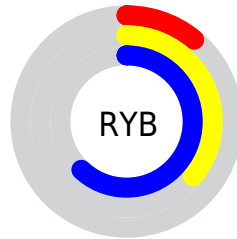
The HunterLab color **49.5058, -23.5406, -8.1095** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **29.1879, 39.1740, 16.3086**, and the grayscale version is **41.2033, -2.1985, 2.2387**.

A 20% lighter version of the original color is **71.4624, -27.9926, -8.1330**, and **31.5663, -15.2993, -6.4283** is the 20% darker color. If you saturate the color by 10%, you get **49.0538, -23.8862, -8.7467**, and if you desaturate by 10%, it is **50.0741, -22.7531, -7.3125**.

Distribution



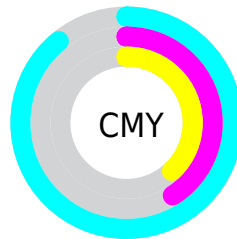
- Red (11%)
- Green (59%)
- Blue (62%)



- Red (11%)
- Yellow (36%)
- Blue (62%)



- Cyan (82%)
- Magenta (4%)
- Yellow (0%)
- Black (38%)



- Cyan (89%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.5058, -23.5406, -8.1095 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 49.5058, -23.5406, -8.1095 by changing the saturation by 10% instead.

■ 49.5058, -23.5406,
-8.1095

■ 49.5058, -23.5406,
-8.1095

■ 165.9471,
-41.7877, -6.2697

■ 39.6380, -21.2320,
-8.0329

■ 71.3161, -27.8901,
-8.0617

■ 30.5293, -18.7911,
-7.8824

■ 83.1756, -29.9713,
-7.9494

■ 22.2503, -16.1626,
-7.6512

■ 95.6282, -32.0081,
-7.7840

■ 14.8943, -13.2512,
-7.3375

■ 108.6468,
-34.0098, -7.5690

■ 8.5440, -14.9520,
-7.0810

■ 122.2078,
-35.9834, -7.3075

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 136.2903,

-37.9347, -7.0022

0.0000, NaN, NaN

150.8757,
-39.8682, -6.6556

0.0000, NaN, NaN

■ 49.5058, -23.5406,
-8.1095

■ 49.5058, -23.5406,
-8.1095

■ 49.0538, -23.8862,
-8.7467

■ 50.0741, -22.7531,
-7.3125

■ 48.7287, -23.9501,
-9.2053

■ 50.7675, -21.4862,
-6.3472

■ 51.5945, -19.7217,
-5.2095

■ 52.5600, -17.4572,
-3.9016

■ 53.6662, -14.7033,
-2.4300

■ 54.9133, -11.4809,
-0.8048

■ 56.2998, -7.8187,
0.9618

■ 57.8228, -3.7506,
2.8563

■ 59.4782, 0.6866,
4.8644

Harmonies

Analogous

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



49.5067, -25.2331, 5.0698



49.5058, -23.5406, -8.1095



49.5067, -16.5123, -20.8440

Triad

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



49.5067, -23.5406, -8.1088



49.5067, 19.4010, -13.4403



49.5067, -0.0569, 21.0571

Complementary

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



49.5058, -23.5406, -8.1095



29.1879, 39.1740, 16.3086

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.



49.5067, 12.9415, 18.4116



49.5058, -23.5406, -8.1095



49.5067, 24.8992, 0.1960

Square

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



49.5067, -23.5406, -8.1088



49.5067, 8.0545, -24.4388



49.5067, 22.4210, 11.5058



49.5067, -12.5051, 19.9144

Rectangle

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



49.5058, -23.5406, -8.1095



49.5067, -9.3198, -26.2371



49.5067, 22.4210, 11.5058



49.5067, 4.4050, 20.6086

Sweetspot

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



49.5067, -23.5406, -8.1088



72.9768, -16.6952, -1.7370



49.4970, -40.1936, 27.8529



33.9722, -8.5051, -1.1538



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



49.5067, -23.5406, -8.1088



65.2349, -31.9769, -12.2831



30.7386, 4.0998, -42.5151



27.2897, -3.3391, 0.6655



43.9348, -21.6087, -8.2677



6.0169, -3.0620, -0.9106

Inverse Universe

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



32.0150, 54.6462, -32.7540



40.9624, 79.0003, -46.4590



40.3209, 11.9006, 23.3435



25.9775, 1.8724, -0.6769



27.5151, 53.4769, -31.4941



3.7024, 7.2311, -4.5124

Previews

White Background



This preview shows how the HunterLab color 49.5058, -23.5406, -8.1095 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 49.5058, -23.5406, -8.1095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

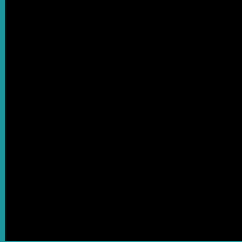
Any Text WCAG AA ✓ Pass

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 49.5058, -23.5406, -8.1095 Background



This preview shows how black text looks on a background with the HunterLab color 49.5058, -23.5406, -8.1095.



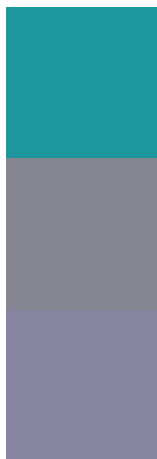
This preview shows how white text looks on a background with the HunterLab color 49.5058, -23.5406, -8.1095.

-23.5406, -8.1095.

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

49.5058, -23.5406, -8.1095

Protanopia

49.2190, -0.4607, -2.9315

Deuteranopia

49.2206, 3.3522, -10.2281



Tritanopia

49.4046, -22.0013, -10.4071

Trichromacy



Original Color

49.5058, -23.5406, -8.1095

Protanomaly

48.4534, -11.8959, -6.1777

Deuteranomaly

48.4666, -9.6783, -10.9893

Tritanomaly

49.3356, -22.3398, -9.9588

Monochromacy



Original Color

49.5058, -23.5406, -8.1095

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

43.5142, -12.9586, -2.1893

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.5058, -23.5406, -8.1095 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(29, 150, 157)` looks like.

```
.text, #text, p{  
    color:rgb(29, 150, 157)  
}
```

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(29, 150, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 150, 157) }
```

Border

The CSS property to change the border of an element to HunterLab 49.5058, -23.5406, -8.1095 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(29, 150, 157) }
```


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

```
.border{ border-color:rgb(29, 150, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 150, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 150, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 150, 157);  
box-shadow:4px 4px 4px 4px rgb(29, 150,  
157) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.5058, -23.5406, -8.1095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 150, 157) }
```

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

```
.background{ background-color: rgb(29, 150,  
157) }
```

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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