

Converting Colors

HunterLab(49.0654, -23.3382,
-9.9183)

Have a look what the booklet for
HunterLab(49.0654, -23.3382,
-9.9183) contains.

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Color

**HunterLab(49.0830,
-23.3931, -9.7867)**

Conversions

Conversions Part 1

Format	Color
Hex	0E959F
RGB	14, 149, 159
RGB Percent	5%, 58%, 62%
CMY	0.9450, 0.4157, 0.3765
CMYK	0.91, 0.06, 0.00, 0.38
HSL	184°, 84%, 34%
HSV	184°, 91%, 62%
XYZ	17.1865, 24.0914, 36.5451
YIQ	109.7750, -83.6700, -25.5100

Conversions

Conversions Part 2

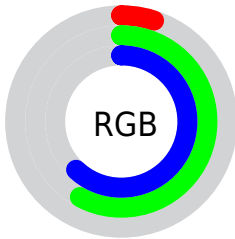
Format	Color
R_{YB}	14, 84, 159
Decimal	955807
CIE _{Lab}	56.18, -28.38, -14.54
CIE _{LCh}	56, 31.887, 207.135
Yxy	24.0923, 0.2208, 0.3096
Android (android.graphics.Color)	4279145887 (0xFF0E959F)
YUV	109.7750, 24.2679, -83.9947
Hunter-Lab	49.0830, -23.3931, -9.7867

Details

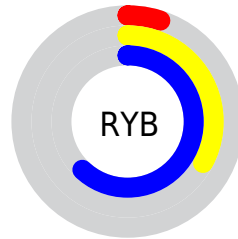
The HunterLab color **49.0830, -23.3931, -9.7867** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **28.3846, 42.7992, 17.3704**, and the grayscale version is **39.3376, -2.0990, 2.1373**.

A 20% lighter version of the original color is **71.0074, -27.8664, -9.8537**, and **31.3338, -14.5329, -7.7921** is the 20% darker color. If you saturate the color by 10%, you get **48.6765, -23.3811, -10.3684**, and if you desaturate by 10%, it is **49.6208, -23.1167, -9.0216**.

Distribution



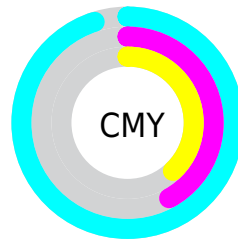
- Red (5%)
- Green (58%)
- Blue (62%)



- Red (5%)
- Yellow (33%)
- Blue (62%)



- Cyan (91%)
- Magenta (6%)
- Yellow (0%)
- Black (38%)



- Cyan (95%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.0830, -23.3931, -9.7867 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 49.0830, -23.3931, -9.7867 by changing the saturation by 10% instead.

■ 49.0830, -23.3931,
-9.7867

■ 49.0830, -23.3931,
-9.7867

165.3139,
-41.6181, -8.5345

■ 39.2455, -21.0853,
-9.6365

■ 70.8384, -27.7390,
-9.8819

■ 30.1696, -18.6440,
-9.4123

■ 82.6727, -29.8179,
-9.8385

■ 21.9267, -16.0129,
-9.1101

■ 95.1013, -31.8522,
-9.7400

■ 14.6115, -13.0947,
-8.7363

■ 108.0970,
-33.8512, -9.5900

■ 8.2715, -14.4751,
-8.5581

■ 121.6360,
-35.8221, -9.3918

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 135.6973,

-37.7706, -9.1483

0.0000, NaN, NaN

150.2622,
-39.7014, -8.8618

0.0000, NaN, NaN

■ 49.0830, -23.3931,
-9.7867

■ 49.0830, -23.3931,
-9.7867

■ 48.6765, -23.3811,
-10.3684

■ 49.6208, -23.1167,
-9.0216

■ 50.2753, -22.3878,
-8.0954

■ 51.0585, -21.1704,
-6.9981

■ 51.9777, -19.4481,
-5.7279

■ 53.0370, -17.2207,
-4.2888

■ 54.2383, -14.5005,
-2.6888

■ 55.5811, -11.3102,
-0.9393

■ 57.0634, -7.6798,
0.9465

■ 58.6818, -3.6439,
2.9544

Harmonies

Analogous

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



49.0839, -25.6660, 3.8737



49.0830, -23.3931, -9.7867



49.0839, -15.7579, -22.5060

Triad

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



49.0839, -23.3931, -9.7860



49.0839, 20.7897, -12.4690



49.0839, -1.3352, 21.3041

Complementary

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



49.0830, -23.3931, -9.7867



28.3846, 42.7992, 17.3704

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.



49.0839, 12.0603, 19.0433



49.0830, -23.3931, -9.7867



49.0839, 25.6582, 1.4386

Square

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



49.0839, -23.3931, -9.7860



49.0839, 9.6108, -24.3230



49.0839, 22.3066, 12.5331



49.0839, -13.7622, 19.7810

Rectangle

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



49.0830, -23.3931, -9.7867



49.0839, -8.1936, -27.4994



49.0839, 22.3066, 12.5331



49.0839, 3.2106, 20.9798

Sweetspot

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



49.0839, -23.3931, -9.7860



73.2213, -17.9100, -2.7617



49.9547, -41.8930, 29.0430



34.5027, -9.1236, -1.6575



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.



49.0839, -23.3931, -9.7860



65.0510, -31.1784, -14.0028



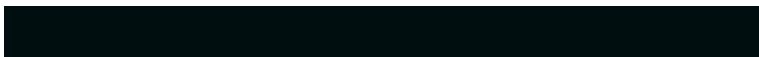
28.0765, 8.6098, -51.8161



27.2601, -3.2919, 0.6305



43.2885, -20.8146, -9.1741



5.9670, -3.0017, -0.9785

Inverse Universe

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



31.3937, 58.0989, -33.3397



41.2553, 79.9084, -45.1040



39.7501, 13.8567, 24.1156



25.9744, 1.8555, -0.6323



27.4115, 53.1159, -30.1380



3.6942, 7.2028, -4.4062

Previews

White Background



This preview shows how the HunterLab color 49.0830, -23.3931, -9.7867 looks on a white background.

Color Contrast Check

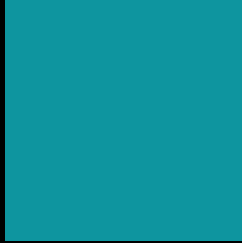
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.0830, -23.3931, -9.7867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

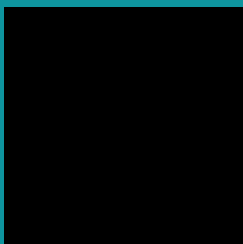
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

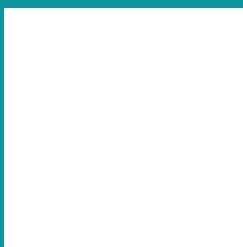
Any Text WCAG AAA × Fail

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

HunterLab 49.0830, -23.3931, -9.7867 Background



This preview shows how black text looks on a background with the HunterLab color 49.0830, -23.3931, -9.7867.



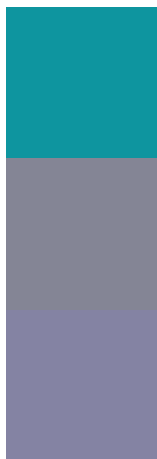
This preview shows how white text looks on a background with the HunterLab color 49.0830,

-23.3931, -9.7867.

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

49.0830, -23.3931, -9.7867

Protanopia

48.8370, -0.2003, -4.4301

Deuteranopia

48.7673, 3.3920, -12.0174



Tritanopia

49.1901, -22.8335, -10.7303

Trichromacy



Original Color

49.0830, -23.3931, -9.7867

Protanomaly

47.8424, -12.4540, -8.0858

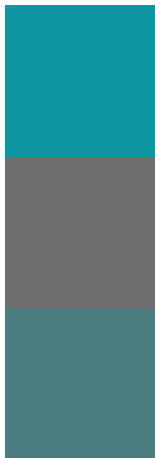
Deuteranomaly

47.8638, -10.1824, -13.0274

Tritanomaly

49.1448, -23.0813, -10.2445

Monochromacy



Original Color

49.0830, -23.3931, -9.7867

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

41.7967, -13.3311, -3.4478

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0830, -23.3931, -9.7867 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(14, 149, 159)` looks like.

```
.text, #text, p{  
    color:rgb(14, 149, 159)  
}
```

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(14, 149, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 149, 159) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0830, -23.3931, -9.7867 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(14, 149, 159) }
```


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

```
.border{ border-color:rgb(14, 149, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 149, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 149, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 149, 159);  
box-shadow:4px 4px 4px 4px rgb(14, 149,  
159) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.0830, -23.3931, -9.7867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 149, 159) }
```

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

```
.background{ background-color: rgb(14, 149,  
159) }
```

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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