

Converting Colors

HunterLab(48.5377, -23.1799,
-0.0185)

Have a look what the booklet for
HunterLab(48.5377, -23.1799,
-0.0185) contains.

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Color

**HunterLab(48.6130,
-23.2944, 0.2215)**

Conversions

Conversions Part 1

Format	Color
Hex	3B938A
RGB	59, 147, 138
RGB Percent	23%, 58%, 54%
CMY	0.7686, 0.4235, 0.4588
CMYK	0.60, 0.00, 0.06, 0.42
HSL	174°, 43%, 40%
HSV	174°, 60%, 58%
XYZ	16.8248, 23.6322, 27.7195
YIQ	119.6620, -49.5590, -21.4550

Conversions

Conversions Part 2

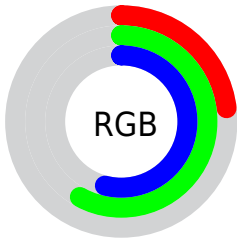
Format	Color
R _Y B	59, 105, 147
Decimal	3904394
CIE Lab	55.72, -28.39, -3.11
CIE LCh	56, 28.555, 186.242
Yxy	23.6332, 0.2468, 0.3466
Android (android.graphics.Color)	4282094474 (0xFF3B938A)
YUV	119.6620, 9.0406, -53.2006
Hunter-Lab	48.6130, -23.2944, 0.2215

Details

The HunterLab color **48.6130, -23.2944, 0.2215** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **31.2235, 29.0582, 9.3621**, and the grayscale version is **43.1881, -2.3044, 2.3465**.

A 20% lighter version of the original color is **70.1768, -27.4430, 1.1186**, and **30.1170, -17.4734, 0.0764** is the 20% darker color. If you saturate the color by 10%, you get **48.1686, -25.1321, 0.3422**, and if you desaturate by 10%, it is **49.1846, -20.9922, 0.2615**.

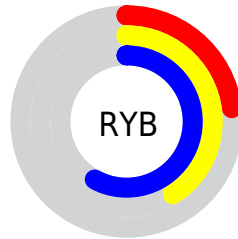
Distribution



Red (23%)

Green (58%)

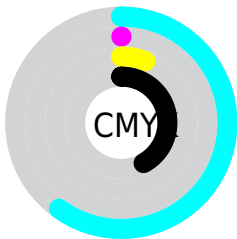
Blue (54%)



Red (23%)

Yellow (41%)

Blue (58%)

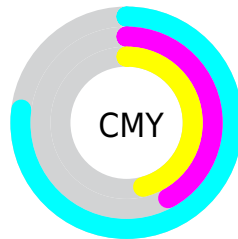


Cyan (60%)

Magenta (0%)

Yellow (6%)

Black (42%)



Cyan (77%)

Magenta (42%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.6130, -23.2944, 0.2215 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 48.6130, -23.2944, 0.2215 by changing the saturation by 10% instead.

■ 48.6130, -23.2944,
0.2215

■ 48.6130, -23.2944,
0.2215

164.6088,
-41.5395, 5.3703

■ 38.8094, -20.9810,
-0.1453

■ 70.3071, -27.6486,
1.1006

■ 29.7703, -18.5318,
-0.4579

■ 82.1133, -29.7303,
1.6039

■ 21.5679, -15.8893,
-0.7081

■ 94.5151, -31.7669,
2.1462

■ 14.2983, -12.9535,
-0.8849

■ 107.4852,
-33.7677, 2.7250

■ 7.9567, -13.9242,
-1.1845

■ 120.9995,
-35.7402, 3.3383

0.0000, NaN, NaN

0.0000, NaN, NaN

135.0372,

-37.6901, 3.9846

0.0000, NaN, NaN

149.5792,
-39.6219, 4.6624

0.0000, NaN, NaN

■ 48.6130, -23.2944,
0.2215

■ 48.6130, -23.2944,
0.2215

■ 48.1686, -25.1321,
0.3422

■ 49.1846, -20.9922,
0.2615

■ 47.8408, -26.5203,
0.6105

■ 49.8859, -18.2226,
0.4668

■ 47.6193, -27.4922,
1.0112

■ 50.7212, -14.9964,
0.8409

■ 47.4711, -28.1737,
1.4996

■ 51.6916, -11.3339,
1.3823

■ 47.4692, -28.1829,
1.5064

■ 52.7968, -7.2634,
2.0869

■ 54.0348, -2.8184,
2.9478

■ 55.4027, 1.9643,
3.9559

■ 56.8965, 7.0466,
5.1013

■ 58.5116, 12.3910,
6.3728

Harmonies

Analogous

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



48.6139, -21.7971, 10.6159



48.6130, -23.2944, 0.2215



48.6139, -19.6913, -12.0429

Triad

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



48.6139, -23.2947, 0.2221



48.6139, 11.6675, -18.3584



48.6139, 6.9584, 18.6364

Complementary

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



48.6130, -23.2944, 0.2215



31.2235, 29.0582, 9.3621

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.



48.6139, 17.2450, 13.8253



48.6130, -23.2944, 0.2215



48.6139, 20.1413, -6.9533

Square

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



48.6139, -23.2947, 0.2221



48.6139, -0.0862, -24.3087



48.6139, 22.2743, 4.9515



48.6139, -5.0569, 19.6777

Rectangle

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



48.6130, -23.2944, 0.2215



48.6139, -14.6565, -19.1232



48.6139, 22.2743, 4.9515



48.6139, 10.7673, 17.4743

Sweetspot

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



48.6139, -23.2947, 0.2221



69.3833, -14.3882, 1.9768



47.3911, -31.3438, 23.4762



32.9719, -7.5394, 0.8371



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.



48.6139, -23.2947, 0.2221



64.2834, -34.3718, 0.5660



38.6098, -7.4389, -18.7296



25.5971, -3.3809, 1.0353



44.2001, -26.2264, 1.3689



4.9142, -2.7561, -0.1926

Inverse Universe

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



31.2235, 29.0582, 9.3621



37.5744, 47.6856, 15.4503



37.8175, 12.7093, 17.0376



24.1339, 0.8375, 1.7196



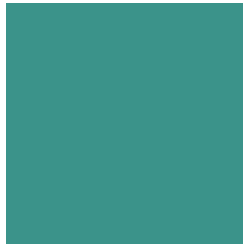
23.2587, 39.9685, 13.9648



2.6097, 4.5569, 1.0072

Previews

White Background



This preview shows how the HunterLab color 48.6130, -23.2944, 0.2215 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 48.6130, -23.2944, 0.2215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

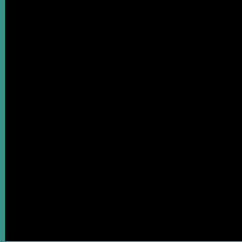
Any Text WCAG AA ✓ Pass

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 48.6130, -23.2944, 0.2215 Background



This preview shows how black text looks on a background with the HunterLab color 48.6130, -23.2944, 0.2215.



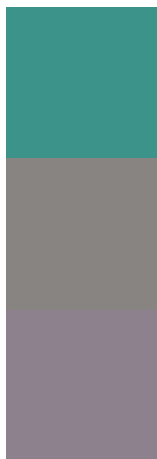
This preview shows how white text looks on a background with the HunterLab color 48.6130,

-23.2944, 0.2215.

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

48.6130, -23.2944, 0.2215

Protanopia

48.2926, -1.8385, 4.2270

Deuteranopia

48.2869, 3.1725, -1.6130



Tritanopia

48.4820, -17.7587, -8.9006

Trichromacy



Original Color

48.6130, -23.2944, 0.2215

Protanomaly

47.6921, -11.2453, 2.0524

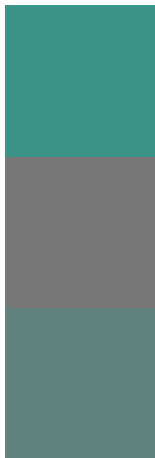
Deuteranomaly

47.8653, -8.5558, -1.8693

Tritanomaly

48.4536, -19.9560, -5.2854

Monochromacy



Original Color

48.6130, -23.2944, 0.2215

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

44.8266, -11.3481, 0.8662

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.6130, -23.2944, 0.2215 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(59, 147, 138)` looks like.

```
.text, #text, p{  
    color:rgb(59, 147, 138)  
}
```

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(59, 147, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 147, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 48.6130, -23.2944, 0.2215 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(59, 147, 138) }
```


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

```
.border{ border-color:rgb(59, 147, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 147, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 147, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 147, 138);  
box-shadow:4px 4px 4px 4px rgb(59, 147,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.6130, -23.2944, 0.2215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 147, 138) }
```

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

```
.background{ background-color: rgb(59, 147,  
138) }
```

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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