

Converting Colors

HunterLab(50.8745, -40.2449,
-26.3144)

Have a look what the booklet for
HunterLab(50.8745, -40.2449,
-26.3144) contains.

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Color

**HunterLab(55.0169,
-23.0532, -19.0012)**

Conversions

Conversions Part 1

Format	Color
Hex	00A4BE
RGB	0, 164, 190
RGB Percent	0%, 64%, 75%
CMY	0.9999, 0.3569, 0.2549
CMYK	1.00, 0.14, 0.00, 0.25
HSL	188°, 100%, 37%
HSV	188°, 100%, 75%
XYZ	22.5697, 30.2686, 53.3680
YIQ	117.9280, -106.0900, -26.6820

Conversions

Conversions Part 2

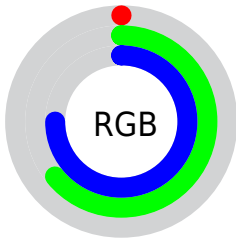
Format	Color
RYB	0, 88, 190
Decimal	42174
CIELab	61.89, -26.09, -23.40
CIELCh	62, 35.049, 221.894
Yxy	30.2697, 0.2125, 0.2850
Android (android.graphics.Color)	4278232254 (0xFF00A4BE)
YUV	117.9280, 35.5315, -103.4229
Hunter-Lab	55.0169, -23.0532, -19.0012

Details

The HunterLab color **55.0169, -23.0532, -19.0012** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **34.1874, 52.9811, 21.9917**, and the grayscale version is **42.4368, -2.2643, 2.3057**.

A 20% lighter version of the original color is **77.4038, -27.0635, -19.5630**, and **36.5985, -13.7652, -16.0299** is the 20% darker color. If you saturate the color by 10%, you get **55.0160, -23.0517, -19.0033**, and if you desaturate by 10%, it is **55.9898, -23.6691, -17.5009**.

Distribution



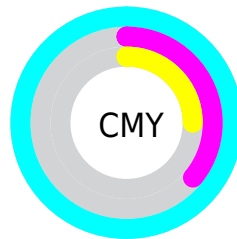
- Red (0%)
- Green (64%)
- Blue (75%)



- Red (0%)
- Yellow (35%)
- Blue (75%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (36%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.0169, -23.0532, -19.0012 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 55.0169, -23.0532, -19.0012 by changing the saturation by 10% instead.

■ 55.0169, -23.0532,
-19.0012

■ 55.0169, -23.0532,
-19.0012

174.1147,
-40.1117, -20.0511

■ 44.7698, -20.9504,
-18.5983

■ 77.5167, -27.0592,
-19.6198

■ 35.2513, -18.7503,
-18.1385

■ 89.6937, -28.9928,
-19.8393

■ 26.5234, -16.4143,
-17.6352

■ 102.4489,
-30.8937, -20.0019

■ 18.6653, -13.8789,
-17.1307

■ 115.7573,
-32.7691, -20.1103

■ 11.7868, -11.3314,
-16.7570

■ 129.5968,
-34.6245, -20.1669

■ 4.5696, -7.9968,
-24.9841

143.9476,

0.0000, NaN, -NF

-36.4645, -20.1744

0.0000, NaN, NaN

158.7922,
-38.2926, -20.1351

0.0000, NaN, NaN

■ 55.0169, -23.0532,
-19.0012

■ 55.0169, -23.0532,
-19.0012

■ 55.0160, -23.0517,
-19.0033

■ 55.9898, -23.6691,
-17.5009

■ 57.0807, -23.8362,
-15.8457

■ 58.3258, -23.4210,
-13.9910

■ 59.7362, -22.3883,
-11.9346

■ 61.3177, -20.7290,
-9.6840

■ 63.0720, -18.4535,
-7.2530

■ 64.9979, -15.5868,
-4.6591

■ 67.0920, -12.1640,
-1.9218

■ 69.3491, -8.2267,
0.9391

Harmonies

Analogous

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



55.0179, -28.7228, -3.0509



55.0169, -23.0532, -19.0012



55.0179, -11.7324, -30.5381

Triad

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



55.0179, -23.0530, -19.0003



55.0179, 27.6972, -6.3679



55.0179, -8.8353, 23.8495

Complementary

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



55.0169, -23.0532, -19.0012



34.1874, 52.9811, 21.9917

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.



55.0179, 6.4448, 23.4128



55.0169, -23.0532, -19.0012



55.0179, 28.6905, 8.4238

Square

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



55.0179, -23.0530, -19.0003



55.0179, 17.9757, -21.9890



55.0179, 20.5582, 18.5168



55.0179, -21.1310, 19.9347

Rectangle

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



55.0169, -23.0532, -19.0012



55.0179, -1.9689, -32.6813



55.0179, 20.5582, 18.5168



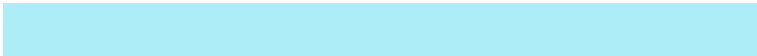
55.0179, -3.9016, 24.1698

Sweetspot

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



55.0179, -23.0530, -19.0003



87.3606, -21.1958, -6.4533



60.7448, -51.6658, 35.6081



40.4080, -10.7413, -3.7326



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



55.0179, -23.0530, -19.0003



73.8756, -30.7920, -25.8671



28.3897, 22.4087, -83.8538



32.5281, -3.7265, 0.5259



44.9565, -18.9194, -15.3500



9.2412, -4.1836, -2.5196

Inverse Universe

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



36.9168, 70.4759, -32.4273



49.6661, 94.7781, -43.2811



49.4612, 14.4702, 30.7298



31.1018, 2.2310, -0.5639



30.1164, 57.5212, -26.6310



6.0131, 11.5687, -5.9682

Previews

White Background



This preview shows how the HunterLab color 55.0169, -23.0532, -19.0012 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 55.0169, -23.0532, -19.0012 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

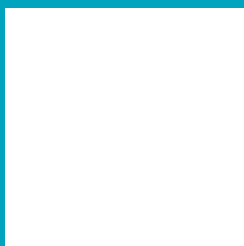
Any Text WCAG AAA ✓ Pass

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

HunterLab 55.0169, -23.0532, -19.0012 Background



This preview shows how black text looks on a background with the HunterLab color 55.0169, -23.0532, -19.0012.



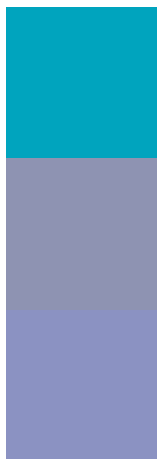
This preview shows how white text looks on a background with the HunterLab color 55.0169,

-23.0532, -19.0012.

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

55.0169, -23.0532, -19.0012

Protanopia

54.6192, 1.2331, -12.0437

Deuteranopia

54.7191, 4.2710, -21.5100



Tritanopia

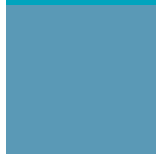
54.9226, -25.9406, -12.6502

Trichromacy



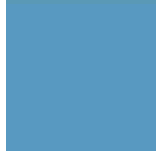
Original Color

55.0169, -23.0532, -19.0012



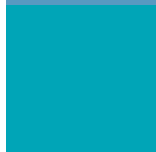
Protanomaly

53.2292, -12.4975, -16.7142



Deuteranomaly

53.5793, -10.3382, -22.9951



Tritanomaly

55.0719, -25.0614, -14.7347

Monochromacy



Original Color

55.0169, -23.0532, -19.0012



Achromatopsia

42.5634, -2.2711, 2.3126



Achromatomaly

45.6480, -14.9734, -6.4050

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.0169, -23.0532, -19.0012 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(0, 164, 190)` looks like.

```
.text, #text, p{  
    color:rgb(0, 164, 190)  
}
```

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(0, 164, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 164, 190) }
```

Border

The CSS property to change the border of an element to HunterLab 55.0169, -23.0532, -19.0012 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(0, 164, 190) }
```


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

```
.border{ border-color:rgb(0, 164, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 164, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 164, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 164, 190);  
box-shadow:4px 4px 4px 4px rgb(0, 164,  
190) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.0169, -23.0532, -19.0012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 164, 190) }
```

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

```
.background{ background-color: rgb(0, 164,  
190) }
```

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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