

Converting Colors

HunterLab(51.7083, -19.0674,
-23.4775)

Have a look what the booklet for
HunterLab(51.7083, -19.0674,
-23.4775) contains.

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Color

**HunterLab(51.7545,
-19.0356, -23.5962)**

Conversions

Conversions Part 1

Format	Color
Hex	009ABD
RGB	0, 154, 189
RGB Percent	0%, 60%, 74%
CMY	0.9998, 0.3961, 0.2588
CMYK	1.00, 0.19, 0.00, 0.26
HSL	191°, 100%, 37%
HSV	191°, 100%, 74%
XYZ	20.7409, 26.7853, 52.2209
YIQ	111.9440, -103.0190, -21.7630

Conversions

Conversions Part 2

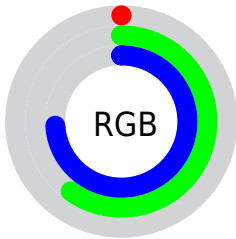
Format	Color
RYB	0, 85, 189
Decimal	39613
CIELab	58.78, -21.28, -27.63
CIELCh	59, 34.875, 232.392
Yxy	26.7862, 0.2079, 0.2685
Android (android.graphics.Color)	4278229693 (0xFF009ABD)
YUV	111.9440, 37.9886, -98.1749
Hunter-Lab	51.7545, -19.0356, -23.5962

Details

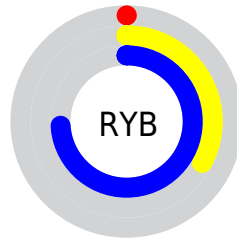
The HunterLab color **51.7545, -19.0356, -23.5962** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **34.6746, 50.4555, 22.2477**, and the grayscale version is **40.1237, -2.1409, 2.1800**.

A 20% lighter version of the original color is **73.9830, -22.8001, -24.0411**, and **33.8793, -10.3205, -20.0672** is the 20% darker color. If you saturate the color by 10%, you get **51.7528, -19.0331, -23.5996**, and if you desaturate by 10%, it is **53.0060, -20.0385, -21.5411**.

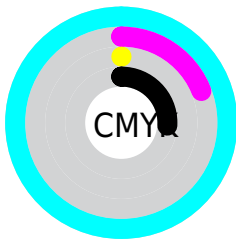
Distribution



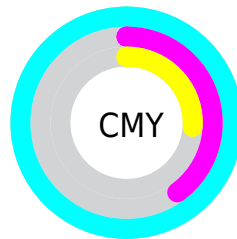
- Red (0%)
- Green (60%)
- Blue (74%)



- Red (0%)
- Yellow (33%)
- Blue (74%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (40%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.7545, -19.0356, -23.5962 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 51.7545, -19.0356, -23.5962 by changing the saturation by 10% instead.

■ 51.7545, -19.0356,
-23.5962

■ 51.7545, -19.0356,
-23.5962

169.2987,
-34.0974, -25.8727

■ 41.7286, -17.2155,
-23.0748

■ 73.8516, -22.5248,
-24.4823

■ 32.4487, -15.3189,
-22.5213

■ 85.8431, -24.2199,
-24.8412

■ 23.9817, -13.3112,
-21.9750

■ 98.4213, -25.8932,
-25.1437

■ 16.4146, -11.1344,
-21.5421

■ 111.5602,
-27.5505, -25.3912

■ 9.8709, -9.9706,
-21.5484

■ 125.2367,
-29.1963, -25.5859

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 139.4304,

-30.8343, -25.7296

0.0000, NaN, NaN

154.1232,
-32.4672, -25.8245

0.0000, NaN, NaN

■ 51.7545, -19.0356,
-23.5962

■ 51.7545, -19.0356,
-23.5962

■ 51.7528, -19.0331,
-23.5996

■ 53.0060, -20.0385,
-21.5411

■ 54.3820, -20.5799,
-19.3400

■ 55.9177, -20.5294,
-16.9512

■ 57.6219, -19.8599,
-14.3797

■ 59.4974, -18.5703,
-11.6398

■ 61.5437, -16.6782,
-8.7506

■ 63.7571, -14.2141,
-5.7333

■ 66.1325, -11.2170,
-2.6090

■ 68.6633, -7.7299,
0.6023

Harmonies

Analogous

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



51.7554, -26.5698, -8.6130



51.7545, -19.0356, -23.5962



51.7554, -6.4841, -31.9090

Triad

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



51.7554, -19.0353, -23.5953



51.7554, 28.6267, -0.9026



51.7554, -13.1812, 22.1396

Complementary

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



51.7545, -19.0356, -23.5962



34.6746, 50.4555, 22.2477

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.



51.7554, 1.0635, 23.1309



51.7545, -19.0356, -23.5962



51.7554, 26.3145, 12.1185

Square

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



51.7554, -19.0353, -23.5953



51.7554, 21.8073, -16.6113



51.7554, 15.8038, 20.0231



51.7554, -23.4647, 16.7827

Rectangle

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



51.7545, -19.0356, -23.5962



51.7554, 3.4958, -31.2788



51.7554, 15.8038, 20.0231



51.7554, -8.7404, 22.9193

Sweetspot

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



51.7554, -19.0353, -23.5953



85.1712, -19.2050, -7.8786



60.4278, -51.1100, 34.8046



38.9070, -9.5853, -4.4504



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



51.7554, -19.0353, -23.5953



69.0208, -25.1493, -31.9798



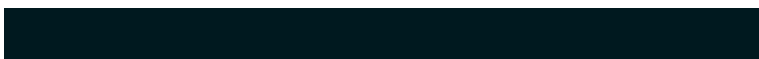
26.2550, 27.4478, -92.0630



32.4050, -3.5292, 0.3796



42.5728, -15.7763, -19.1557



8.8837, -3.7265, -3.0595

Inverse Universe

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



36.2670, 68.5353, -26.4335



48.4989, 91.6018, -34.9088



51.5388, 9.7556, 31.9275



31.0888, 2.1616, -0.3797



29.7647, 56.2815, -21.9177



5.9584, 11.3770, -5.2428

Previews

White Background



This preview shows how the HunterLab color 51.7545, -19.0356, -23.5962 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 51.7545, -19.0356, -23.5962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

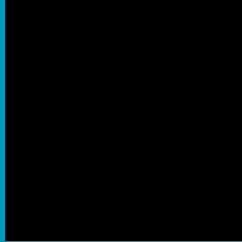
Any Text WCAG AA ✓ Pass

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 51.7545, -19.0356, -23.5962 Background



This preview shows how black text looks on a background with the HunterLab color 51.7545, -19.0356, -23.5962.



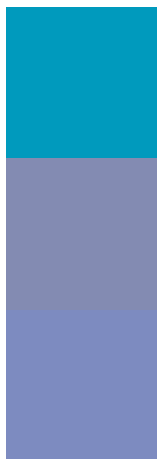
This preview shows how white text looks on a background with the HunterLab color 51.7545,

-19.0356, -23.5962.

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

51.7545, -19.0356, -23.5962

Protanopia

51.4829, 2.2307, -16.7441

Deuteranopia

51.6052, 3.7899, -25.4302



Tritanopia

51.6154, -24.4473, -11.7401

Trichromacy



Original Color

51.7545, -19.0356, -23.5962

Protanomaly

50.1627, -9.5561, -21.5659

Deuteranomaly

50.4119, -7.8953, -27.0454

Tritanomaly

51.5532, -22.5001, -15.8656

Monochromacy



Original Color

51.7545, -19.0356, -23.5962

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

42.9090, -13.0176, -8.0704

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.7545, -19.0356, -23.5962 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, 154, 189)` looks like.

```
.text, #text, p{  
    color:rgb(0, 154, 189)  
}
```

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, 154, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 154, 189) }
```

Border

The CSS property to change the border of an element to HunterLab 51.7545, -19.0356, -23.5962 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, 154, 189) }
```


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

```
.border{ border-color:rgb(0, 154, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 154, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 154, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 154, 189);  
box-shadow:4px 4px 4px 4px rgb(0, 154,  
189) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.7545, -19.0356, -23.5962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 154, 189) }
```

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

```
.background{ background-color: rgb(0, 154,  
189) }
```

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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