

Converting Colors

HunterLab(49.0131, -18.4696,
-21.3916)

Have a look what the booklet for
HunterLab(49.0131, -18.4696,
-21.3916) contains.

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Color

**HunterLab(49.1143,
-18.4580, -21.5430)**

Conversions

Conversions Part 1

Format	Color
Hex	0093B3
RGB	0, 147, 179
RGB Percent	0%, 58%, 70%
CMY	0.9999, 0.4235, 0.2980
CMYK	1.00, 0.18, 0.00, 0.30
HSL	191°, 100%, 35%
HSV	191°, 100%, 70%
XYZ	18.5704, 24.1221, 46.3252
YIQ	106.6950, -97.8840, -21.2120

Conversions

Conversions Part 2

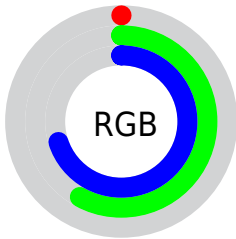
Format	Color
RYB	0, 81, 179
Decimal	37811
CIELab	56.21, -21.12, -25.92
CIELCh	56, 33.434, 230.836
Yxy	24.1230, 0.2086, 0.2710
Android (android.graphics.Color)	4278227891 (0xFF0093B3)
YUV	106.6950, 35.6464, -93.5715
Hunter-Lab	49.1143, -18.4580, -21.5430

Details

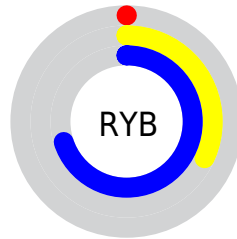
The HunterLab color **49.1143, -18.4580, -21.5430** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **32.5865, 47.6437, 20.9119**, and the grayscale version is **38.1283, -2.0344, 2.0716**.

A 20% lighter version of the original color is **70.8175, -21.8524, -22.5486**, and **31.4199, -9.8270, -18.0585** is the 20% darker color. If you saturate the color by 10%, you get **49.1129, -18.4559, -21.5458**, and if you desaturate by 10%, it is **50.2594, -19.3243, -19.6801**.

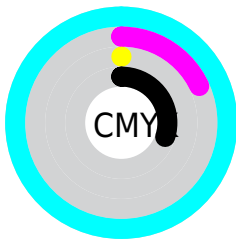
Distribution



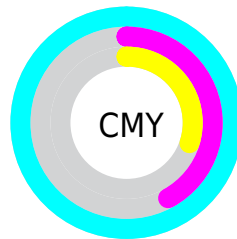
- Red (0%)
- Green (58%)
- Blue (70%)



- Red (0%)
- Yellow (32%)
- Blue (70%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (42%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1143, -18.4580, -21.5430 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 49.1143, -18.4580, -21.5430 by changing the saturation by 10% instead.

49.1143, -18.4580,
-21.5430

49.1143, -18.4580,
-21.5430

165.3607,
-33.4899, -23.5197

39.2745, -16.6316,
-21.0461

70.8737, -21.9494,
-22.3707

30.1962, -14.7225,
-20.5126

82.7099, -23.6425,
-22.6973

21.9506, -12.6919,
-19.9818

95.1403, -25.3125,
-22.9662

14.6323, -10.4728,
-19.5665

108.1377,
-26.9655, -23.1794

8.2920, -11.5392,
-19.9677

121.6783,
-28.6064, -23.3390

0.0000, NaN, -NF

0.0000, NaN, -NF

135.7412,

-30.2389, -23.4475

0.0000, NaN, NaN

150.3076,
-31.8659, -23.5070

0.0000, NaN, NaN

■ 49.1143, -18.4580,
-21.5430

■ 49.1143, -18.4580,
-21.5430

■ 49.1129, -18.4559,
-21.5458

■ 50.2594, -19.3243,
-19.6801

■ 51.5184, -19.7669,
-17.6826

■ 52.9261, -19.6573,
-15.5078

■ 54.4906, -18.9700,
-13.1600

■ 56.2150, -17.7034,
-10.6518

■ 58.0988, -15.8735,
-8.0005

■ 60.1392, -13.5080,
-5.2252

■ 62.3312, -10.6428,
-2.3456

■ 64.6691, -7.3178,
0.6198

Harmonies

Analogous

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



49.1152, -25.2849, -7.3079



49.1143, -18.4580, -21.5430



49.1152, -6.8273, -29.8217

Triad

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



49.1152, -18.4577, -21.5421



49.1152, 26.7976, -1.5714



49.1152, -11.8143, 21.0568

Complementary

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



49.1143, -18.4580, -21.5430



32.5865, 47.6437, 20.9119

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.



49.1152, 1.7271, 21.7969



49.1143, -18.4580, -21.5430



49.1152, 25.0775, 10.9191

Square

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



49.1152, -18.4577, -21.5421



49.1152, 19.9790, -16.3498



49.1152, 15.5121, 18.6415



49.1152, -21.7575, 16.2246

Rectangle

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



49.1143, -18.4580, -21.5430



49.1152, 2.5275, -29.6148



49.1152, 15.5121, 18.6415



49.1152, -7.5702, 21.7269

Sweetspot

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



49.1152, -18.4577, -21.5421



80.3332, -18.2611, -7.1920



56.8629, -48.1748, 32.9241



37.2667, -9.2490, -4.1210



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



49.1152, -18.4577, -21.5421



65.4971, -24.3919, -29.2106



25.4054, 23.9529, -83.4569



30.6071, -3.3440, 0.3864



41.3892, -15.6535, -17.9415



7.7879, -3.3609, -2.4790

Inverse Universe

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



34.1925, 64.7108, -25.6644



45.7235, 86.4871, -33.8971



47.8122, 10.5173, 29.6445



29.3601, 2.0210, -0.3660



28.7567, 54.4529, -21.7756



5.1673, 9.8926, -4.7502

Previews

White Background



This preview shows how the HunterLab color 49.1143, -18.4580, -21.5430 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 49.1143, -18.4580, -21.5430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

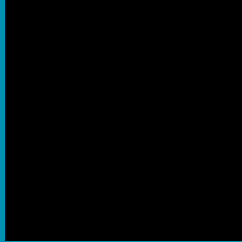
Any Text WCAG AA ✓ Pass

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 49.1143, -18.4580, -21.5430 Background



This preview shows how black text looks on a background with the HunterLab color 49.1143, -18.4580, -21.5430.



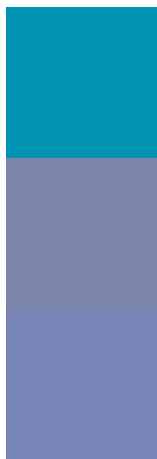
This preview shows how white text looks on a background with the HunterLab color 49.1143, -18.4580, -21.5430.

-18.4580, -21.5430.

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

49.1143, -18.4580, -21.5430

Protanopia

48.9894, 1.7394, -15.2111

Deuteranopia

48.8600, 3.7833, -23.5296



Tritanopia

49.0593, -23.3433, -10.9283

Trichromacy



Original Color

49.1143, -18.4580, -21.5430

Protanomaly

47.8535, -9.3663, -19.6606

Deuteranomaly

47.7117, -7.6733, -25.0594

Tritanomaly

48.9969, -21.4157, -15.0115

Monochromacy



Original Color

49.1143, -18.4580, -21.5430

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

41.0384, -12.7625, -6.9951

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1143, -18.4580, -21.5430 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, 147, 179)` looks like.

```
.text, #text, p{  
    color:rgb(0, 147, 179)  
}
```

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, 147, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 147, 179) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1143, -18.4580, -21.5430 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, 147, 179) }
```


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

```
.border{ border-color:rgb(0, 147, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 147, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 147, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 147, 179);  
box-shadow:4px 4px 4px 4px rgb(0, 147,  
179) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1143, -18.4580, -21.5430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 147, 179) }
```

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

```
.background{ background-color: rgb(0, 147,  
179) }
```

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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