

Converting Colors

HunterLab(49.5540, -14.4750,
-17.0219)

Have a look what the booklet for
HunterLab(49.5540, -14.4750,
-17.0219) contains.

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Color

**HunterLab(49.4943,
-14.2976, -17.1119)**

Conversions

Conversions Part 1

Format	Color
Hex	4491AD
RGB	68, 145, 173
RGB Percent	27%, 57%, 68%
CMY	0.7333, 0.4314, 0.3216
CMYK	0.61, 0.16, 0.00, 0.32
HSL	196°, 44%, 47%
HSV	196°, 61%, 68%
XYZ	20.0521, 24.4969, 43.2066
YIQ	125.1690, -54.8800, -7.6160

Conversions

Conversions Part 2

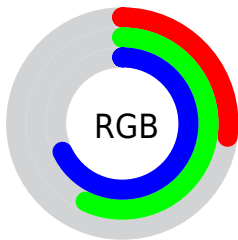
Format	Color
R_{YB}	68, 112, 173
Decimal	4493741
CIE _{Lab}	56.58, -15.20, -21.83
CIE _{LCh}	57, 26.598, 235.148
Yxy	24.4978, 0.2285, 0.2792
Android (android.graphics.Color)	4282683821 (0xFF4491AD)
YUV	125.1690, 23.5807, -50.1372
Hunter-Lab	49.4943, -14.2976, -17.1119

Details

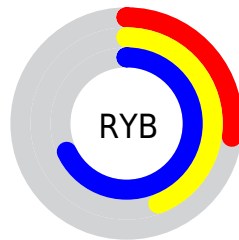
The HunterLab color **49.4943, -14.2976, -17.1119** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **42.0336, 21.8223, 18.5677**, and the grayscale version is **45.2790, -2.4160, 2.4601**.

A 20% lighter version of the original color is **71.3190, -17.1267, -17.9793**, and **30.6364, -10.1843, -16.3079** is the 20% darker color. If you saturate the color by 10%, you get **47.5219, -14.3192, -20.2939**, and if you desaturate by 10%, it is **51.6265, -13.7203, -13.8325**.

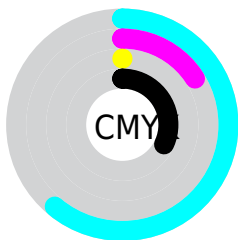
Distribution



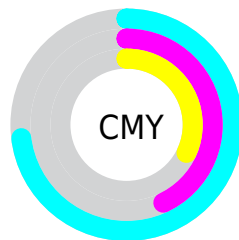
- Red (27%)
- Green (57%)
- Blue (68%)



- Red (27%)
- Yellow (44%)
- Blue (68%)



- Cyan (61%)
- Magenta (16%)
- Yellow (0%)
- Black (32%)



- Cyan (73%)
- Magenta (43%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.4943, -14.2976, -17.1119 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 49.4943, -14.2976, -17.1119 by changing the saturation by 10% instead.

■ 49.4943, -14.2976,
-17.1119

■ 49.4943, -14.2976,
-17.1119

165.9299,
-26.7856, -17.9902

■ 39.6273, -12.8529,
-16.7203

■ 71.3031, -17.1113,
-17.7015

■ 30.5195, -11.3643,
-16.2706

■ 83.1619, -18.4975,
-17.9038

■ 22.2415, -9.8075,
-15.7802

■ 95.6139, -19.8772,
-18.0476

■ 14.8866, -8.1398,
-15.3080

■ 108.6318,
-21.2544, -18.1361

■ 8.5367, -8.2145,
-15.2315

■ 122.1922,
-22.6318, -18.1720

0.0000, NaN, -NF

0.0000, NaN, NaN

136.2742,

-24.0117, -18.1580

0.0000, NaN, NaN

150.8590,
-25.3959, -18.0967

0.0000, NaN, NaN

■ 49.4943, -14.2976,
-17.1119

■ 49.4943, -14.2976,
-17.1119

■ 47.5219, -14.3192,
-20.2939

■ 51.6265, -13.7203,
-13.8325

■ 45.7082, -13.7736,
-23.3593

■ 53.9113, -12.6139,
-10.4810

■ 44.0505, -12.6731,
-26.2913

■ 56.3432, -11.0138,
-7.0778

■ 42.6165, -11.2688,
-28.9408

■ 58.9147, -8.9603,
-3.6414

■ 61.6179, -6.4948,
-0.1870

■ 64.4447, -3.6579,
3.2733

■ 67.3875, -0.4880,
6.7304

■ 70.4384, 2.9796,
10.1778

■ 73.5906, 6.7130,
13.6109

Harmonies

Analogous

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



49.4952, -20.5771, -6.7696



49.4943, -14.2976, -17.1119



49.4952, -4.4420, -22.2094

Triad

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



49.4952, -14.2976, -17.1110



49.4952, 20.5559, 0.9399



49.4952, -11.4204, 17.8160

Complementary

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



49.4943, -14.2976, -17.1119



42.0336, 21.8223, 18.5677

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.



49.4952, -0.8192, 18.9991



49.4943, -14.2976, -17.1119



49.4952, 18.2739, 10.5938

Square

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



49.4952, -14.2976, -17.1110



49.4952, 16.1870, -10.4198



49.4952, 10.1997, 16.6669



49.4952, -19.0217, 12.9800

Rectangle

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



49.4943, -14.2976, -17.1119



49.4952, 3.0785, -21.2822



49.4952, 10.1997, 16.6669



49.4952, -8.1170, 18.6013

Sweetspot

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



49.4952, -14.2976, -17.1110



79.6871, -11.2551, -3.7762



56.5060, -37.7288, 22.9840



36.6809, -5.6534, -2.3686



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



49.4952, -14.2976, -17.1110



62.7020, -18.9883, -28.6486



35.0671, 9.6544, -45.0680



29.5047, -2.9137, 0.1391



36.6603, -9.8515, -24.5557



6.7625, -2.5436, -2.9616

Inverse Universe

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



38.8119, 44.3536, -16.2313



47.4653, 70.4561, -23.9354



54.8563, -2.6994, 27.8432



28.4799, 1.8333, -0.0463



27.6763, 51.4902, -13.8492



4.7065, 8.9086, -3.5371

Previews

White Background



This preview shows how the HunterLab color 49.4943, -14.2976, -17.1119 looks on a white background.

Color Contrast Check

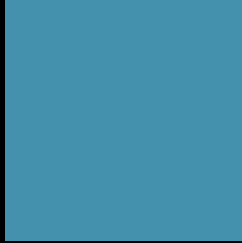
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.4943, -14.2976, -17.1119 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

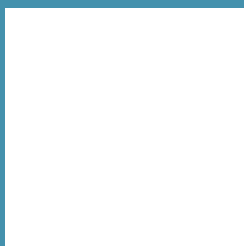
Any Text WCAG AAA × Fail

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

HunterLab 49.4943, -14.2976, -17.1119 Background



This preview shows how black text looks on a background with the HunterLab color 49.4943, -14.2976, -17.1119.



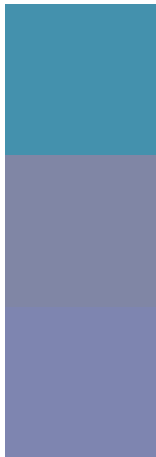
This preview shows how white text looks on a background with the HunterLab color 49.4943, -14.2976, -17.1119.

-14.2976, -17.1119.

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

49.4943, -14.2976, -17.1119

Protanopia

49.3518, 1.2308, -12.3338

Deuteranopia

49.3409, 3.4740, -18.8920



Tritanopia

49.3911, -18.9306, -9.2717

Trichromacy



Original Color

49.4943, -14.2976, -17.1119

Protanomaly

49.0594, -5.4436, -14.6362

Deuteranomaly

48.9793, -3.6813, -18.9789

Tritanomaly

49.3235, -17.2154, -12.1273

Monochromacy



Original Color

49.4943, -14.2976, -17.1119

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

46.2586, -8.2435, -4.4404

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.4943, -14.2976, -17.1119 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(68, 145, 173)` looks like.

```
.text, #text, p{  
    color:rgb(68, 145, 173)  
}
```

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(68, 145, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 145, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 49.4943, -14.2976, -17.1119 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(68, 145, 173) }
```


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

```
.border{ border-color:rgb(68, 145, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 145, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 145, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 145, 173);  
box-shadow:4px 4px 4px 4px rgb(68, 145,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.4943, -14.2976, -17.1119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 145, 173) }
```

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

```
.background{ background-color: rgb(68, 145,  
173) }
```

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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