

Converting Colors

HunterLab(45.3429, -31.0503,
-39.5199)

Have a look what the booklet for
HunterLab(45.3429, -31.0503,
-39.5199) contains.

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Color

**HunterLab(49.4498,
-14.2831, -30.9747)**

Conversions

Conversions Part 1

Format	Color
Hex	0092C2
RGB	0, 146, 194
RGB Percent	0%, 57%, 76%
CMY	0.9998, 0.4274, 0.2392
CMYK	1.00, 0.25, 0.00, 0.24
HSL	195°, 100%, 38%
HSV	195°, 100%, 76%
XYZ	20.0165, 24.4528, 54.7038
YIQ	107.8180, -102.4240, -16.0240

Conversions

Conversions Part 2

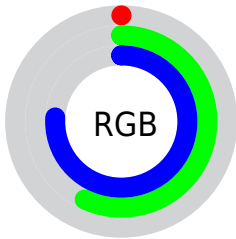
Format	Color
RYB	0, 83, 194
Decimal	37570
CIELab	56.54, -15.19, -33.93
CIELCh	57, 37.172, 245.885
Yxy	24.4537, 0.2018, 0.2466
Android (android.graphics.Color)	4278227650 (0xFF0092C2)
YUV	107.8180, 42.4877, -94.5564
Hunter-Lab	49.4498, -14.2831, -30.9747

Details

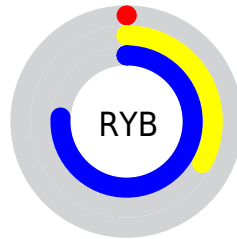
The HunterLab color **49.4498, -14.2831, -30.9747** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **36.8604, 48.3619, 23.5579**, and the grayscale version is **38.5320, -2.0560, 2.0935**.

A 20% lighter version of the original color is **71.2846, -17.0825, -32.2837**, and **32.0300, -6.3617, -26.3017** is the 20% darker color. If you saturate the color by 10%, you get **49.4470, -14.2789, -30.9804**, and if you desaturate by 10%, it is **51.0958, -15.8812, -28.0177**.

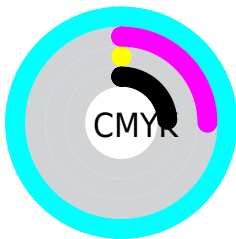
Distribution



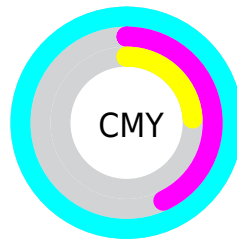
- Red (0%)
- Green (57%)
- Blue (76%)



- Red (0%)
- Yellow (33%)
- Blue (76%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (43%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.4498, -14.2831, -30.9747 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 49.4498, -14.2831, -30.9747 by changing the saturation by 10% instead.

■ 49.4498, -14.2831,
-30.9747

■ 49.4498, -14.2831,
-30.9747

165.8632,
-26.7657, -34.7599

■ 39.5860, -12.8385,
-30.3550

■ 71.2527, -17.0952,
-32.1479

■ 30.4816, -11.3505,
-29.7666

■ 83.1089, -18.4807,
-32.6722

■ 22.2073, -9.7943,
-29.3091

■ 95.5583, -19.8599,
-33.1468

■ 14.8567, -8.1271,
-29.2360

■ 108.5739,
-21.2365, -33.5701

■ 8.5084, -8.2326,
-30.6196

■ 122.1320,
-22.6134, -33.9421

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 136.2117,

-23.9928, -34.2636

0.0000, NaN, NaN

150.7944,
-25.3764, -34.5357

0.0000, NaN, NaN

■ 49.4498, -14.2831,
-30.9747

■ 49.4498, -14.2831,
-30.9747

■ 49.4470, -14.2789,
-30.9804

■ 51.0958, -15.8812,
-28.0177

■ 52.8843, -16.9729,
-24.9318

■ 54.8490, -17.4315,
-21.6796

■ 56.9950, -17.2397,
-18.2764

■ 59.3218, -16.4073,
-14.7455

■ 61.8253, -14.9623,
-11.1120

■ 64.4988, -12.9442,
-7.4004

■ 67.3344, -10.3980,
-3.6327

■ 70.3233, -7.3713,
0.1722

Harmonies

Analogous

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



49.4506, -24.6243, -17.0684



49.4498, -14.2831, -30.9747



49.4506, 0.4642, -34.8190

Triad

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



49.4506, -14.2826, -30.9737



49.4506, 30.7825, 5.5221



49.4506, -18.9867, 20.6461

Complementary

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



49.4498, -14.2831, -30.9747



36.8604, 48.3619, 23.5579

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.



49.4506, -5.6718, 23.4601



49.4498, -14.2831, -30.9747



49.4506, 24.0122, 16.6385

Square

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



49.4506, -14.2826, -30.9737



49.4506, 27.7407, -10.4076



49.4506, 10.1879, 22.2616



49.4506, -27.0960, 12.9666

Rectangle

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



49.4498, -14.2831, -30.9747



49.4506, 11.1116, -30.3752



49.4506, 10.1879, 22.2616



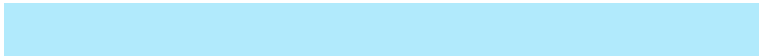
49.4506, -15.0380, 22.0632

Sweetspot

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



49.4506, -14.2826, -30.9737



86.6313, -17.5755, -10.2117



62.2704, -52.2962, 35.0625



39.8053, -8.8067, -5.7886

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.4506, -14.2826, -30.9737



66.2369, -18.7635, -42.2853



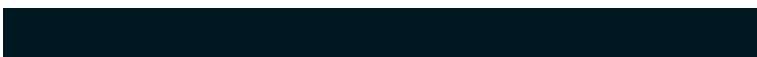
25.1603, 33.6952, -104.1802



33.1550, -3.3724, 0.1906



40.2614, -11.8167, -24.8144



8.9645, -3.2806, -4.1229

Inverse Universe

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



36.8046, 68.6612, -19.9284



49.4936, 92.2685, -26.2277



55.5865, 5.3639, 34.3447



31.9430, 2.1450, -0.1550



29.8641, 55.7568, -16.4668



6.2910, 11.8855, -4.5546

Previews

White Background



This preview shows how the HunterLab color 49.4498, -14.2831, -30.9747 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 49.4498, -14.2831, -30.9747 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

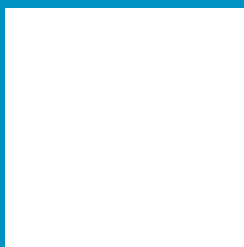
Any Text WCAG AAA × Fail

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

HunterLab 49.4498, -14.2831, -30.9747 Background



This preview shows how black text looks on a background with the HunterLab color 49.4498, -14.2831, -30.9747.



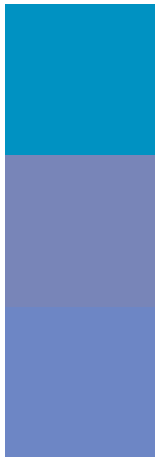
This preview shows how white text looks on a background with the HunterLab color 49.4498, -14.2831, -30.9747.

-14.2831, -30.9747.

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

49.4498, -14.2831, -30.9747

Protanopia

49.2228, 3.7397, -24.2257

Deuteranopia

49.3281, 3.8151, -33.0285



Tritanopia

49.3821, -23.7425, -10.4700

Trichromacy



Original Color

49.4498, -14.2831, -30.9747

Protanomaly

48.3159, -6.4301, -28.7237

Deuteranomaly

48.4022, -5.3909, -34.2414

Tritanomaly

49.5096, -20.6988, -17.1999

Monochromacy



Original Color

49.4498, -14.2831, -30.9747

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

41.2897, -11.4134, -9.8320

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.4498, -14.2831, -30.9747 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, 146, 194)` looks like.

```
.text, #text, p{  
    color:rgb(0, 146, 194)  
}
```

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, 146, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 146, 194) }
```

Border

The CSS property to change the border of an element to HunterLab 49.4498, -14.2831, -30.9747 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, 146, 194) }
```


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

```
.border{ border-color:rgb(0, 146, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 146, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 146, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 146, 194);  
box-shadow:4px 4px 4px 4px rgb(0, 146,  
194) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.4498, -14.2831, -30.9747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 146, 194) }
```

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

```
.background{ background-color: rgb(0, 146,  
194) }
```

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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