

Converting Colors

HunterLab(42.4124, -1.1959,
-50.4303)

Have a look what the booklet for
HunterLab(42.4124, -1.1959,
-50.4303) contains.

HunterLab(42.5314, -1.4674, -49.9928)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

HunterLab(42.5314, -1.4674,
-49.9928)

Conversions

Conversions Part 1

Format	Color
Hex	007AC8
RGB	0, 122, 200
RGB Percent	0%, 48%, 78%
CMY	0.9998, 0.5216, 0.2157
CMYK	1.00, 0.39, 0.00, 0.22
HSL	203°, 100%, 39%
HSV	203°, 100%, 78%
XYZ	17.3849, 18.0892, 57.2189
YIQ	94.4140, -97.7500, -1.6060

Conversions

Conversions Part 2

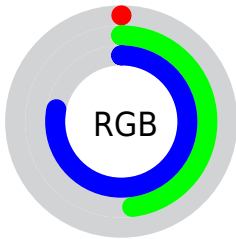
Format	Color
RYB	0, 76, 200
Decimal	31432
CIELab	49.60, 1.05, -48.28
CIELCh	50, 48.295, 271.243
Yxy	18.0897, 0.1876, 0.1952
Android (android.graphics.Color)	4278221512 (0xFF007AC8)
YUV	94.4140, 52.0539, -82.8011
Hunter-Lab	42.5314, -1.4674, -49.9928

Details

The HunterLab color **42.5314, -1.4674, -49.9928** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **42.1125, 38.8280, 26.6275**, and the grayscale version is **33.4541, -1.7850, 1.8176**.

A 20% lighter version of the original color is **63.2720, -3.1955, -49.7216**, and **26.3475, 5.1071, -43.9569** is the 20% darker color. If you saturate the color by 10%, you get **42.5267, -1.4592, -50.0046**, and if you desaturate by 10%, it is **44.9802, -4.6202, -44.3926**.

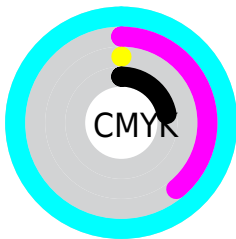
Distribution



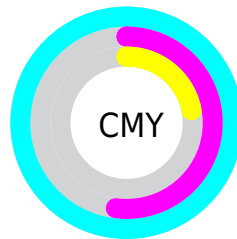
- Red (0%)
- Green (48%)
- Blue (78%)



- Red (0%)
- Yellow (30%)
- Blue (78%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (52%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.5314, -1.4674, -49.9928 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 42.5314, -1.4674, -49.9928 by changing the saturation by 10% instead.

■ 42.5314, -1.4674,
-49.9928

■ 42.5314, -1.4674,
-49.9928

■ 155.3629, -7.0607,
-56.0258

■ 33.1880, -1.0308,
-49.6051

■ 63.3957, -2.4671,
-51.2871

■ 24.6507, -0.6442,
-49.6616

■ 74.8225, -3.0255,
-52.0213

■ 17.0050, -0.3132,
-50.6936

■ 86.8637, -3.6193,
-52.7590

■ 10.3704, -0.0480,
-54.1867

■ 99.4894, -4.2467,
-53.4802

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 112.6736, -4.9059,
-54.1732

0.0000, NaN, -NF

■ 126.3937, -5.5954,

0.0000, NaN, NaN

-54.8309

0.0000, NaN, NaN

140.6295, -6.3141,
-55.4492

■ 42.5314, -1.4674,
-49.9928

■ 42.5314, -1.4674,
-49.9928

■ 42.5267, -1.4592,
-50.0046

■ 44.9802, -4.6202,
-44.3926

■ 47.6296, -7.1466,
-38.7976

■ 50.5048, -8.9349,
-33.1848

■ 53.5987, -9.9979,
-27.5942

■ 56.8991, -10.3772,
-22.0608

■ 60.3922, -10.1285,
-16.6106

■ 64.0634, -9.3129,
-11.2600

■ 67.8984, -7.9908,
-6.0173

■ 71.8841, -6.2192,
-0.8846

Harmonies

Analogous

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



42.5320, -18.6370, -41.4984



42.5314, -1.4674, -49.9928



42.5320, 18.6534, -40.0668

Triad

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



42.5320, -1.4665, -49.9918



42.5320, 34.1783, 16.8154



42.5320, -30.0730, 15.9976

Complementary

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



42.5314, -1.4674, -49.9928



42.1125, 38.8280, 26.6275

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.



42.5320, -19.7994, 22.7436



42.5314, -1.4674, -49.9928



42.5320, 17.0165, 23.0468

Square

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



42.5320, -1.4665, -49.9918



42.5320, 41.3618, 3.0712



42.5320, -3.0709, 24.6032



42.5320, -33.2825, 1.5449

Rectangle

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



42.5314, -1.4674, -49.9928



42.5320, 30.5694, -26.1111



42.5320, -3.0709, 24.6032



42.5320, -27.4333, 18.9716

Sweetspot

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



42.5320, -1.4665, -49.9918



84.0716, -12.3175, -15.1315



64.6844, -52.5322, 32.5546



37.9289, -5.9447, -8.3869

0.0000, NaN, NaN



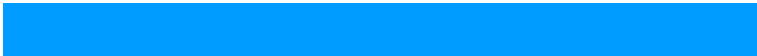
46.2646, -2.4686, 2.5136

Same Dimension

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



42.5320, -1.4665, -49.9918



55.5328, -1.2047, -66.8106



21.9047, 49.1849, -133.5476



33.6838, -2.8487, -0.2711



34.1724, -1.6023, -39.2536



8.3112, -1.7340, -6.6450

Inverse Universe

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



36.9940, 67.1449, -5.5387



48.6255, 88.1759, -6.5894



66.0262, -8.8199, 40.5295



32.7777, 2.0035, 0.4022



29.5277, 53.6528, -4.8402



6.5326, 12.0607, -2.5494

Previews

White Background



This preview shows how the HunterLab color 42.5314, -1.4674, -49.9928 looks on a white 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

Black Background



This preview shows how the HunterLab color 42.5314, -1.4674, -49.9928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

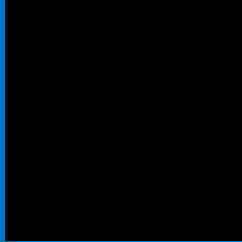
Any Text WCAG AA ✓ Pass

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 42.5314, -1.4674, -49.9928 Background



This preview shows how black text looks on a background with the HunterLab color 42.5314, -1.4674, -49.9928.



This preview shows how white text looks on a background with the HunterLab color 42.5314, -1.4674, -49.9928.

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

42.5314, -1.4674, -49.9928

Protanopia

42.5325, 7.8005, -43.9849

Deuteranopia

42.7217, 3.6632, -50.2995



Tritanopia

42.5747, -20.6307, -8.6788

Trichromacy



Original Color

42.5314, -1.4674, -49.9928

Protanomaly

42.1362, 2.5896, -47.4758

Deuteranomaly

42.4559, 1.3244, -50.9843

Tritanomaly

42.4817, -14.5061, -21.7839

Monochromacy



Original Color

42.5314, -1.4674, -49.9928

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

35.4327, -6.3533, -15.4091

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.5314, -1.4674, -49.9928 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, 122, 200)` looks like.

```
.text, #text, p{  
    color:rgb(0, 122, 200)  
}
```

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, 122, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 122, 200) }
```

Border

The CSS property to change the border of an element to HunterLab 42.5314, -1.4674, -49.9928 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, 122, 200) }
```


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

```
.border{ border-color:rgb(0, 122, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 122, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 122, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 122, 200);  
box-shadow:4px 4px 4px 4px rgb(0, 122,  
200) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.5314, -1.4674, -49.9928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 122, 200) }
```

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

```
.background{ background-color: rgb(0, 122,  
200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor