

Converting Colors

HunterLab(42.9666, -32.2917,
-61.7553)

Have a look what the booklet for
HunterLab(42.9666, -32.2917,
-61.7553) contains.

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Color

**HunterLab(49.4974, -7.4271,
-45.8345)**

Conversions

Conversions Part 1

Format	Color
Hex	008FD6
RGB	0, 143, 214
RGB Percent	0%, 56%, 84%
CMY	0.9998, 0.4392, 0.1608
CMYK	1.00, 0.33, 0.00, 0.16
HSL	200°, 100%, 42%
HSV	200°, 100%, 84%
XYZ	21.9600, 24.4999, 67.1898
YIQ	108.3370, -108.0190, -8.2350

Conversions

Conversions Part 2

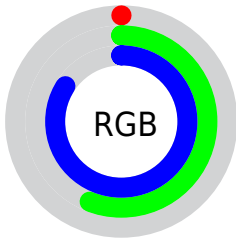
Format	Color
RYB	0, 86, 214
Decimal	36822
CIELab	56.59, -6.06, -45.13
CIELCh	57, 45.530, 262.357
Yxy	24.5007, 0.1932, 0.2156
Android (android.graphics.Color)	4278226902 (0xFF008FD6)
YUV	108.3370, 52.0919, -95.0115
Hunter-Lab	49.4974, -7.4271, -45.8345

Details

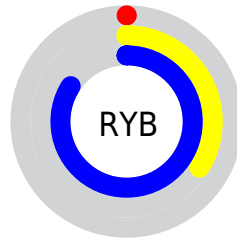
The HunterLab color **49.4974, -7.4271, -45.8345** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **43.3696, 47.5293, 27.5542**, and the grayscale version is **38.6965, -2.0647, 2.1025**.

A 20% lighter version of the original color is **70.3737, -13.4030, -36.5779**, and **32.1433, 0.2390, -40.6923** is the 20% darker color. If you saturate the color by 10%, you get **49.4927, -7.4195, -45.8451**, and if you desaturate by 10%, it is **51.8315, -10.1900, -41.0136**.

Distribution



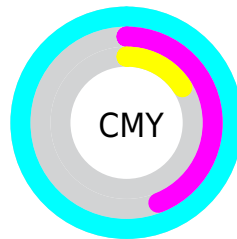
- Red (0%)
- Green (56%)
- Blue (84%)



- Red (0%)
- Yellow (34%)
- Blue (84%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (44%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.4974, -7.4271, -45.8345 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 49.4974, -7.4271, -45.8345 by changing the saturation by 10% instead.

■ 49.4974, -7.4271,
-45.8345

■ 49.4974, -7.4271,
-45.8345

165.9344,
-16.0980, -51.4751

■ 39.6301, -6.5438,
-45.2332

■ 71.3064, -9.2327,
-47.2329

■ 30.5221, -5.6708,
-44.8323

■ 83.1655, -10.1600,
-47.9417

■ 22.2438, -4.8013,
-44.8709

■ 95.6176, -11.1047,
-48.6276

■ 14.8886, -3.9236,
-45.9318

■ 108.6357,
-12.0671, -49.2804

■ 8.5386, -3.5465,
-50.1703

■ 122.1963,
-13.0475, -49.8940

0.0000, NaN, -NF

136.2783,

0.0000, NaN, -NF

-14.0462, -50.4653

0.0000, NaN, -NF

150.8633,
-15.0630, -50.9925

0.0000, NaN, NaN

■ 49.4974, -7.4271,
-45.8345

■ 49.4974, -7.4271,
-45.8345

■ 49.4927, -7.4195,
-45.8451

■ 51.8315, -10.1900,
-41.0136

■ 54.3587, -12.3139,
-36.1102

■ 57.1088, -13.6774,
-31.0979

■ 60.0809, -14.2782,
-26.0098

■ 63.2676, -14.1459,
-20.8815

■ 66.6585, -13.3285,
-15.7451

■ 70.2410, -11.8831,
-10.6261

■ 74.0026, -9.8694,
-5.5433

■ 77.9305, -7.3460,
-0.5097

Harmonies

Analogous

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



49.4982, -23.1040, -33.6406



49.4974, -7.4271, -45.8345



49.4982, 12.0877, -41.6297

Triad

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



49.4982, -7.4263, -45.8334



49.4982, 36.0309, 14.2090



49.4982, -28.4574, 19.6123

Complementary

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



49.4974, -7.4271, -45.8345



43.3696, 47.5293, 27.5542

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.



49.4982, -15.8313, 25.3135



49.4974, -7.4271, -45.8345



49.4982, 21.7966, 23.1186

Square

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



49.4982, -7.4263, -45.8334



49.4982, 39.1857, -2.1725



49.4982, 2.3276, 26.2947



49.4982, -33.9915, 7.1122

Rectangle

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



49.4974, -7.4271, -45.8345



49.4982, 24.5582, -30.6273



49.4982, 2.3276, 26.2947



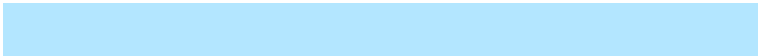
49.4982, -25.0021, 22.1587

Sweetspot

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



49.4982, -7.4263, -45.8334



85.5119, -14.5593, -13.1594



69.6482, -57.5953, 37.2801



38.6897, -7.1197, -7.3163

0.0000, NaN, NaN



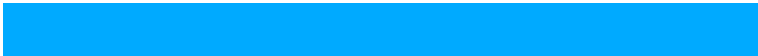
46.2646, -2.4686, 2.5136

Same Dimension

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



49.4982, -7.4263, -45.8334



60.0928, -8.6369, -56.4662



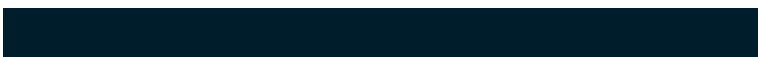
25.1487, 47.3589, -133.6607



36.5802, -3.3664, -0.1086



38.7347, -6.1686, -35.0988



10.2663, -2.6485, -7.1147

Inverse Universe

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



40.3492, 74.0071, -12.0275



49.1697, 90.1362, -14.2080



66.9846, -2.5876, 41.2290



35.4392, 2.2996, 0.1686



31.3998, 57.6533, -9.7885



7.8085, 14.5060, -3.7431

Previews

White Background



This preview shows how the HunterLab color 49.4974, -7.4271, -45.8345 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 49.4974, -7.4271, -45.8345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

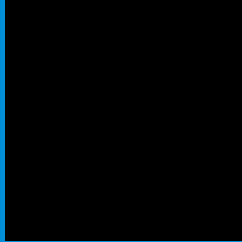
Any Text WCAG AA ✓ Pass

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 49.4974, -7.4271, -45.8345 Background



This preview shows how black text looks on a background with the HunterLab color 49.4974, -7.4271, -45.8345.

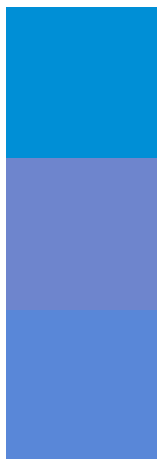


This preview shows how white text looks on a background with the HunterLab color 49.4974, -7.4271, -45.8345.

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

49.4974, -7.4271, -45.8345

Protanopia

49.4953, 6.5633, -38.5737

Deuteranopia

49.4061, 4.5068, -47.4396

Trichromacy



Original Color

49.4974, -7.4271, -45.8345

Protanomaly

48.7314, -1.5576, -42.6034

Deuteranomaly

48.9419, -1.6116, -47.7536

Monochromacy



Original Color

49.4974, -7.4271, -45.8345

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

41.2875, -9.3134, -14.3617

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.4974, -7.4271, -45.8345 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, 143, 214)` looks like.

```
.text, #text, p{  
    color:rgb(0, 143, 214)  
}
```

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, 143, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 143, 214) }
```

Border

The CSS property to change the border of an element to HunterLab 49.4974, -7.4271, -45.8345 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, 143, 214) }
```

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

```
.border{ border-color:rgb(0, 143, 214) }
```

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

Here you see how a box with a 4 pixel rgb(0, 143, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 143, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 143, 214);  
box-shadow:4px 4px 4px 4px rgb(0, 143,  
214) }
```


Background

The CSS property to change the background color of an element to HunterLab 49.4974, -7.4271, -45.8345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 143, 214) }
```

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

```
.background{ background-color: rgb(0, 143,  
214) }
```

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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