

Converting Colors

HunterLab(33.5250, -37.4205,
-75.0906)

Have a look what the booklet for
HunterLab(33.5250, -37.4205,
-75.0906) contains.

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Color

**HunterLab(42.4766, -1.7670,
-49.2776)**

Conversions

Conversions Part 1	
Format	Color
Hex	007AC7
RGB	0, 122, 199
RGB Percent	0%, 48%, 78%
CMY	0.9998, 0.5216, 0.2196
CMYK	1.00, 0.39, 0.00, 0.22
HSL	203°, 100%, 39%
HSV	203°, 100%, 78%
XYZ	17.2684, 18.0426, 56.6053
YIQ	94.3000, -97.4290, -1.9170

Conversions

Conversions Part 2

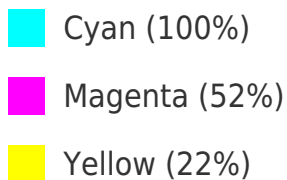
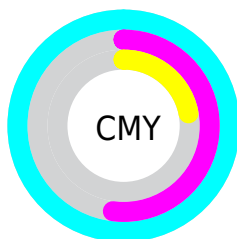
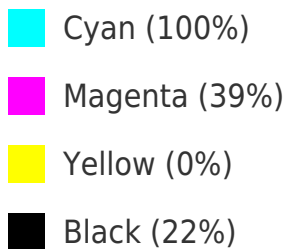
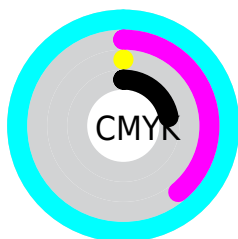
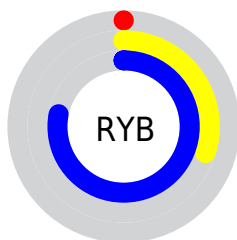
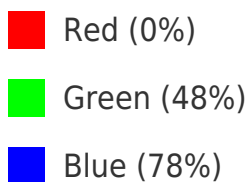
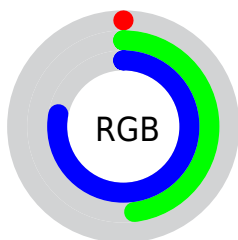
Format	Color
RYB	0, 76, 199
Decimal	31431
CIELab	49.55, 0.66, -47.80
CIELCh	50, 47.806, 270.785
Yxy	18.0432, 0.1879, 0.1963
Android (android.graphics.Color)	4278221511 (0xFF007AC7)
YUV	94.3000, 51.6171, -82.7011
Hunter-Lab	42.4766, -1.7670, -49.2776

Details

The HunterLab color **42.4766, -1.7670, -49.2776** is a dark color, and the websafe version is hex **336699**. The color can be described as dark washed azure. A complement of this color would be **41.7805, 38.8640, 26.4236**, and the grayscale version is **33.4131, -1.7828, 1.8154**.

A 20% lighter version of the original color is **63.2720, -3.1955, -49.7216**, and **26.2891, 4.8015, -43.2242** is the 20% darker color. If you saturate the color by 10%, you get **42.4720, -1.7591, -49.2890**, and if you desaturate by 10%, it is **44.8976, -4.8637, -43.7736**.



Distribution





Brightness & Saturation Gradients



These gradients show how the HunterLab color 42.4766, -1.7670, -49.2776 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 42.4766, -1.7670, -49.2776 by changing the saturation by 10% instead.


 42.4766, -1.7670, -49.2776	 42.4766, -1.7670, -49.2776
-----------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------

155.2785, -7.5203, -55.2715	 33.1376, -1.3070, -48.8758
--------------------------------	-----------------------------------------------------------------------------------------------------------------


 63.3331, -2.8088, -50.5789	 24.6050, -0.8948, -48.9045
-----------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------

 74.7564, -3.3864, -51.3107	 16.9646, -0.5352, -49.8822
-----------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------

 86.7942, -3.9985, -52.0438	 10.3362, -0.2371, -53.2628
-----------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------

 99.4166, -4.6433, -52.7589	0.0000, NaN, -NF
-------------------------------------------------------------------------------------------------------------------	------------------

	0.0000, NaN, -NF
--	------------------

 112.5978, -5.3191, -53.4447	0.0000, NaN, -NF
--------------------------------------------------------------------------------------------------------------------	------------------

 126.3149, -6.0247,	0.0000, NaN, NaN
--------------------------------------------------------------------------------------------------------	------------------

-54.0943

0.0000, NaN, NaN

140.5479, -6.7588,
-54.7040

■ 42.4766, -1.7670,
-49.2776

■ 42.4766, -1.7670,
-49.2776

■ 42.4720, -1.7591,
-49.2890

■ 44.8976, -4.8637,
-43.7736

■ 47.5164, -7.3411,
-38.2708

■ 50.3582, -9.0873,
-32.7455

■ 53.4164, -10.1143,
-27.2368

■ 56.6794, -10.4626,
-21.7796

■ 60.1334, -10.1871,
-16.3999

■ 63.7641, -9.3479,
-11.1144

■ 67.5577, -8.0048,
-5.9321

■ 71.5011, -6.2141,
-0.8555

Harmonies

Analogous

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



42.4772, -18.6897, -40.6543



42.4766, -1.7670, -49.2776



42.4772, 18.1230, -39.7638

Triad

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



42.4772, -1.7661, -49.2766



42.4772, 33.9480, 16.5453



42.4772, -29.7142, 16.0316

Complementary

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



42.4766, -1.7670, -49.2776



41.7805, 38.8640, 26.4236

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.



42.4772, -19.4175, 22.6597



42.4766, -1.7670, -49.2776



42.4772, 17.1013, 22.8512

Square

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



42.4772, -1.7661, -49.2766



42.4772, 40.8473, 2.7864



42.4772, -2.7691, 24.4655



42.4772, -33.0075, 1.8323

Rectangle

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



42.4766, -1.7670, -49.2776



42.4772, 29.9523, -26.0973



42.4772, -2.7691, 24.4655



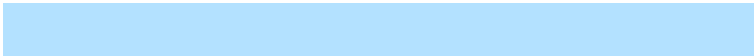
42.4772, -27.0585, 18.9538

Sweetspot

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



42.4772, -1.7661, -49.2766



84.1472, -12.4359, -15.0271



64.3223, -52.2351, 32.3658



37.9688, -6.0068, -8.3302

0.0000, NaN, NaN



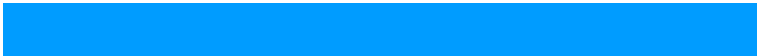
46.2646, -2.4686, 2.5136

Same Dimension

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



42.4772, -1.7661, -49.2766



55.7686, -1.6031, -66.2453



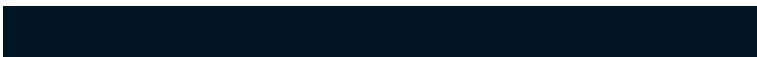
21.7872, 48.8884, -132.7609



33.6920, -2.8621, -0.2612



34.3123, -1.8352, -38.9257



8.3362, -1.7716, -6.5951

Inverse Universe

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



36.8081, 66.8457, -5.8078



48.6527, 88.2743, -6.9726



65.6585, -8.7740, 40.3037



32.7786, 2.0081, 0.3901



29.5441, 53.7119, -5.0702



6.5358, 12.0722, -2.5938

Previews

White Background



This preview shows how the HunterLab color 42.4766, -1.7670, -49.2776 looks on a white background.

Color Contrast Check

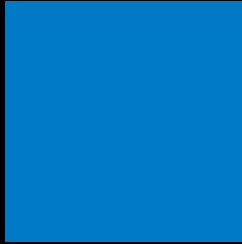
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.4766, -1.7670, -49.2776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

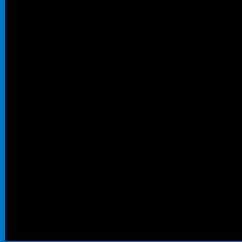
Any Text WCAG AA ✓ Pass

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 42.4766, -1.7670, -49.2776 Background



This preview shows how black text looks on a background with the HunterLab color 42.4766, -1.7670, -49.2776.



This preview shows how white text looks on a background with the HunterLab color 42.4766, -1.7670, -49.2776.

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

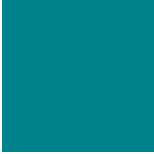
42.4766, -1.7670, -49.2776

Protanopia

42.4802, 7.5260, -43.2950

Deuteranopia

42.7009, 3.4837, -49.4994



Tritanopia

42.5747, -20.6307, -8.6788

Trichromacy



Original Color
42.4766, -1.7670, -49.2776

Protanomaly
42.0823, 2.3004, -46.7702

Deuteranomaly
42.4006, 1.0260, -50.2646

Tritanomaly
42.4400, -14.7468, -21.2122

Monochromacy



Original Color
42.4766, -1.7670, -49.2776

Achromatopsia
33.4563, -1.7851, 1.8177

Achromatomaly
35.3938, -6.5711, -14.8737

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.4766, -1.7670, -49.2776 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(0, 122, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 122, 199) }
```

Border

The CSS property to change the border of an element to HunterLab 42.4766, -1.7670, -49.2776 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, 199) }
```


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

```
.border{ border-color:rgb(0, 122, 199) }
```

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, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 122, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 122, 199);  
box-shadow:4px 4px 4px 4px rgb(0, 122,  
199) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.4766, -1.7670, -49.2776 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, 199) }
```

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

```
.background{ background-color: rgb(0, 122,  
199) }
```

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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