

Converting Colors

HunterLab(42.0255, -10.2750,
-30.3473)

Have a look what the booklet for
HunterLab(42.0255, -10.2750,
-30.3473) contains.

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Color

**HunterLab(42.0528,
-10.4468, -30.0106)**

Conversions

Conversions Part 1

Format	Color
Hex	007DAD
RGB	0, 125, 173
RGB Percent	0%, 49%, 68%
CMY	0.9999, 0.5098, 0.3216
CMYK	1.00, 0.28, 0.00, 0.32
HSL	197°, 100%, 34%
HSV	197°, 100%, 68%
XYZ	14.8765, 17.6844, 42.1646
YIQ	93.0970, -89.9080, -11.5720

Conversions

Conversions Part 2

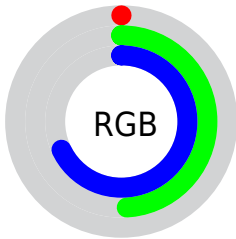
Format	Color
RYB	0, 73, 173
Decimal	32173
CIELab	49.11, -11.19, -33.52
CIELCh	49, 35.336, 251.534
Yxy	17.6850, 0.1991, 0.2367
Android (android.graphics.Color)	4278222253 (0xFF007DAD)
YUV	93.0970, 39.3922, -81.6461
Hunter-Lab	42.0528, -10.4468, -30.0106

Details

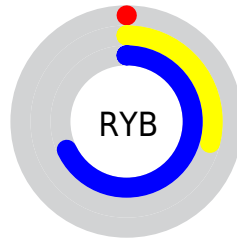
The HunterLab color **42.0528, -10.4468, -30.0106** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **33.1677, 40.4006, 21.1434**, and the grayscale version is **33.0074, -1.7612, 1.7934**.

A 20% lighter version of the original color is **63.0255, -12.9306, -31.1256**, and **25.5440, -2.9517, -25.5558** is the 20% darker color. If you saturate the color by 10%, you get **42.0505, -10.4432, -30.0156**, and if you desaturate by 10%, it is **43.6488, -12.0318, -27.0174**.

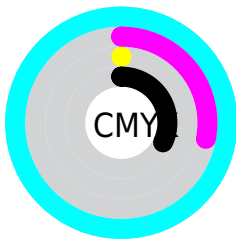
Distribution



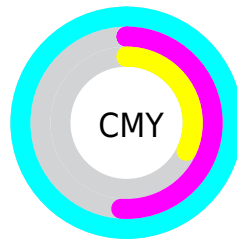
- Red (0%)
- Green (49%)
- Blue (68%)



- Red (0%)
- Yellow (29%)
- Blue (68%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (51%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.0528, -10.4468, -30.0106 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 42.0528, -10.4468, -30.0106 by changing the saturation by 10% instead.

42.0528, -10.4468,
-30.0106

42.0528, -10.4468,
-30.0106

154.6251,
-21.2144, -34.0147

32.7476, -9.2382,
-29.4078

62.8489, -12.8215,
-31.2136

24.2520, -7.9994,
-28.8950

74.2445, -14.0032,
-31.7639

16.6530, -6.7057,
-28.6609

86.2561, -15.1870,
-32.2665

10.0723, -5.4776,
-29.2597

98.8536, -16.3756,
-32.7184

0.0000, NaN, -NF

0.0000, NaN, -NF

112.0109,
-17.5713, -33.1185

0.0000, NaN, NaN

125.7051,

0.0000, NaN, NaN

-18.7756, -33.4671

0.0000, NaN, NaN

139.9159,
-19.9897, -33.7654

■ 42.0528, -10.4468,
-30.0106

■ 42.0528, -10.4468,
-30.0106

■ 42.0505, -10.4432,
-30.0156

■ 43.6488, -12.0318,
-27.0174

■ 45.3713, -13.1777,
-23.9372

■ 47.2524, -13.7626,
-20.7315

■ 49.2946, -13.7784,
-17.4183

■ 51.4953, -13.2395,
-14.0205

■ 53.8495, -12.1748,
-10.5613

■ 56.3500, -10.6216,
-7.0616

■ 58.9891, -8.6209,
-3.5394

■ 61.7585, -6.2148,
-0.0089

Harmonies

Analogous

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



42.0535, -20.5780, -18.5041



42.0528, -10.4468, -30.0106



42.0535, 3.2792, -31.3729

Triad

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



42.0535, -10.4463, -30.0098



42.0535, 27.5507, 7.0992



42.0535, -18.6651, 17.3129

Complementary

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



42.0528, -10.4468, -30.0106



33.1677, 40.4006, 21.1434

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.



42.0535, -7.5001, 20.4573



42.0528, -10.4468, -30.0106



42.0535, 19.8884, 15.9866

Square

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



42.0535, -10.4463, -30.0098



42.0535, 26.4901, -6.6676



42.0535, 6.6349, 20.0680



42.0535, -24.8769, 9.6266

Rectangle

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



42.0528, -10.4468, -30.0106



42.0535, 12.7971, -25.9481



42.0535, 6.6349, 20.0680



42.0535, -15.4331, 18.8018

Sweetspot

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



42.0535, -10.4463, -30.0098



75.2242, -14.3433, -9.7058



54.8509, -45.7416, 30.1864



34.4242, -7.1098, -5.4151



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.



42.0535, -10.4463, -30.0098



55.9368, -13.4793, -40.8182



21.3577, 32.1209, -96.0295



29.4798, -2.8736, 0.1093



36.1798, -9.1528, -25.4634



6.7059, -2.4677, -3.0548

Inverse Universe

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



32.1959, 59.7296, -14.8459



43.0401, 79.7788, -19.2526



50.5584, 1.8083, 31.1844



28.4773, 1.8194, -0.0094



27.6124, 51.2623, -12.9720



4.6983, 8.8797, -3.4270

Previews

White Background



This preview shows how the HunterLab color 42.0528, -10.4468, -30.0106 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 42.0528, -10.4468, -30.0106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

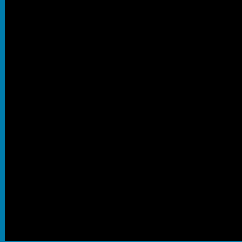
Any Text WCAG AA ✓ Pass

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 42.0528, -10.4468, -30.0106 Background



This preview shows how black text looks on a background with the HunterLab color 42.0528, -10.4468, -30.0106.



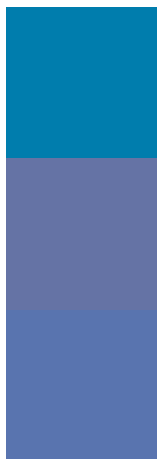
This preview shows how white text looks on a background with the HunterLab color 42.0528, -10.4468, -30.0106.

-10.4468, -30.0106.

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

42.0528, -10.4468, -30.0106

Protanopia

42.1246, 3.7808, -24.0798

Deuteranopia

42.0830, 3.1411, -31.1544



Tritanopia

41.9101, -20.0593, -9.0818

Trichromacy



Original Color

42.0528, -10.4468, -30.0106

Protanomaly

41.3652, -4.2989, -27.6851

Deuteranomaly

41.3757, -3.7087, -31.9517

Tritanomaly

42.0389, -17.0739, -15.6875

Monochromacy



Original Color

42.0528, -10.4468, -30.0106

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

35.2677, -9.2427, -9.3838

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.0528, -10.4468, -30.0106 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, 125, 173)` looks like.

```
.text, #text, p{  
    color:rgb(0, 125, 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(0, 125, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 125, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 42.0528, -10.4468, -30.0106 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, 125, 173) }
```


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

```
.border{ border-color:rgb(0, 125, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 125, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 125, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 125, 173);  
box-shadow:4px 4px 4px 4px rgb(0, 125,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.0528, -10.4468, -30.0106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 125, 173) }
```

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

```
.background{ background-color: rgb(0, 125,  
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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