

Converting Colors

HunterLab(46.3026, -20.7850,
-34.1783)

Have a look what the booklet for
HunterLab(46.3026, -20.7850,
-34.1783) contains.

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Color

**HunterLab(48.0247,
-13.5450, -30.7870)**

Conversions

Conversions Part 1

Format	Color
Hex	008EBE
RGB	0, 142, 190
RGB Percent	0%, 56%, 75%
CMY	0.9998, 0.4431, 0.2549
CMYK	1.00, 0.25, 0.00, 0.25
HSL	195°, 100%, 37%
HSV	195°, 100%, 75%
XYZ	18.9673, 23.0637, 52.1673
YIQ	105.0140, -100.0400, -15.1760

Conversions

Conversions Part 2

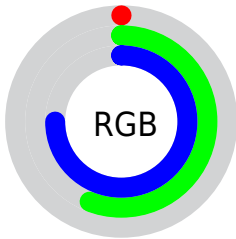
Format	Color
R_{YB}	0, 81, 190
Decimal	36542
CIE _{Lab}	55.14, -14.44, -33.85
CIE _{LCh}	55, 36.798, 246.891
Yxy	23.0645, 0.2014, 0.2448
Android (android.graphics.Color)	4278226622 (0xFF008EBE)
YUV	105.0140, 41.8981, -92.0973
Hunter-Lab	48.0247, -13.5450, -30.7870

Details

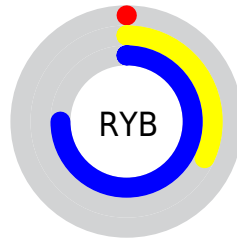
The HunterLab color **48.0247, -13.5450, -30.7870** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **36.1446, 46.8464, 23.0904**, and the grayscale version is **37.4686, -1.9992, 2.0357**.

A 20% lighter version of the original color is **69.7725, -16.3098, -32.0674**, and **30.7113, -5.6718, -26.1427** is the 20% darker color. If you saturate the color by 10%, you get **48.0222, -13.5412, -30.7921**, and if you desaturate by 10%, it is **49.6615, -15.1407, -27.8246**.

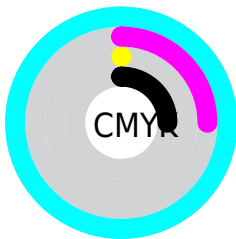
Distribution



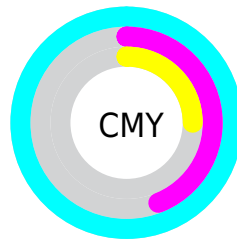
- Red (0%)
- Green (56%)
- Blue (75%)



- Red (0%)
- Yellow (32%)
- Blue (75%)



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



- Cyan (100%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.0247, -13.5450, -30.7870 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 48.0247, -13.5450, -30.7870 by changing the saturation by 10% instead.

■ 48.0247, -13.5450,
-30.7870

■ 48.0247, -13.5450,
-30.7870

163.7242,
-25.7147, -34.6136

■ 38.2637, -12.1428,
-30.1687

■ 69.6414, -16.2779,
-31.9668

■ 29.2710, -10.6993,
-29.5903

■ 81.4121, -17.6264,
-32.4960

■ 21.1198, -9.1895,
-29.1633

■ 93.7802, -18.9699,
-32.9759

■ 13.9080, -7.5698,
-29.1785

■ 106.7179,
-20.3122, -33.4045

■ 7.5425, -8.7467,
-31.8784

■ 120.2014,
-21.6559, -33.7816

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 134.2092,

-23.0031, -34.1080

0.0000, NaN, NaN

148.7225,
-24.3556, -34.3849

0.0000, NaN, NaN

■ 48.0247, -13.5450,
-30.7870

■ 48.0247, -13.5450,
-30.7870

■ 48.0222, -13.5412,
-30.7921

■ 49.6615, -15.1407,
-27.8246

■ 51.4378, -16.2427,
-24.7409

■ 53.3869, -16.7257,
-21.4983

■ 55.5134, -16.5737,
-18.1129

■ 57.8164, -15.7977,
-14.6077

■ 60.2916, -14.4260,
-11.0076

■ 62.9322, -12.4974,
-7.3366

■ 65.7303, -10.0563,
-3.6158

■ 68.6773, -7.1492,
0.1366

Harmonies

Analogous

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



48.0255, -23.8465, -17.3354



48.0247, -13.5450, -30.7870



48.0255, 1.0056, -34.1604

Triad

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



48.0255, -13.5445, -30.7861



48.0255, 30.1652, 5.8433



48.0255, -18.9365, 20.0053

Complementary

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



48.0247, -13.5450, -30.7870



36.1446, 46.8464, 23.0904

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.



48.0255, -6.0344, 22.8855



48.0247, -13.5450, -30.7870



48.0255, 23.2199, 16.5298

Square

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



48.0255, -13.5445, -30.7861



48.0255, 27.5035, -9.6783



48.0255, 9.4989, 21.8493



48.0255, -26.6775, 12.3273

Rectangle

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



48.0247, -13.5450, -30.7870



48.0255, 11.4362, -29.5271



48.0255, 9.4989, 21.8493



48.0255, -15.1260, 21.4365

Sweetspot

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



48.0255, -13.5445, -30.7861



84.5313, -16.9718, -10.1281



60.8581, -50.9556, 33.9335



38.8902, -8.5067, -5.7388



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



48.0255, -13.5445, -30.7861



64.3214, -17.7633, -42.0502



24.0698, 34.5037, -104.5631



32.2338, -3.2535, 0.1752



39.3252, -11.2796, -24.8037



8.3928, -3.0780, -3.8459

Inverse Universe

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



35.9181, 66.9423, -18.9399



48.3056, 89.9628, -24.8938



55.1775, 3.6755, 34.0633



31.0708, 2.0652, -0.1244



29.3102, 54.6694, -15.7485



5.8862, 11.1222, -4.2737

Previews

White Background



This preview shows how the HunterLab color 48.0247, -13.5450, -30.7870 looks on a white background.

Color Contrast Check

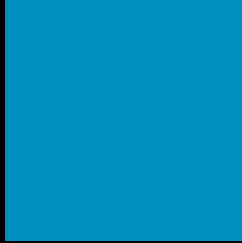
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.0247, -13.5450, -30.7870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

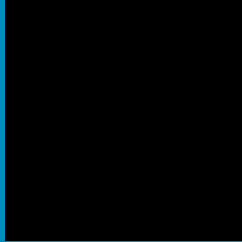
Any Text WCAG AA ✓ Pass

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 48.0247, -13.5450, -30.7870 Background



This preview shows how black text looks on a background with the HunterLab color 48.0247, -13.5450, -30.7870.



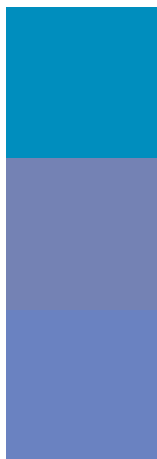
This preview shows how white text looks on a background with the HunterLab color 48.0247, -13.5450, -30.7870.

-13.5450, -30.7870.

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

48.0247, -13.5450, -30.7870

Protanopia

47.9307, 3.3525, -23.8200

Deuteranopia

47.8327, 4.1835, -32.9892



Tritanopia

47.9501, -22.9931, -10.2980

Trichromacy



Original Color

48.0247, -13.5450, -30.7870

Protanomaly

46.8687, -5.8466, -28.5876

Deuteranomaly

46.9566, -4.7998, -34.1171

Tritanomaly

48.0784, -19.9568, -17.0129

Monochromacy



Original Color

48.0247, -13.5450, -30.7870

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

39.9096, -10.6373, -10.1978

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.0247, -13.5450, -30.7870 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, 142, 190)` looks like.

```
.text, #text, p{  
    color:rgb(0, 142, 190)  
}
```

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, 142, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 142, 190) }
```

Border

The CSS property to change the border of an element to HunterLab 48.0247, -13.5450, -30.7870 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, 142, 190) }
```


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

```
.border{ border-color:rgb(0, 142, 190) }
```

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

Here you see how a box with a 4 pixel rgb(0, 142, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 142, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 142, 190);  
box-shadow:4px 4px 4px 4px rgb(0, 142,  
190) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.0247, -13.5450, -30.7870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 142, 190) }
```

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

```
.background{ background-color: rgb(0, 142,  
190) }
```

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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