

Converting Colors

HunterLab(46.1981, -17.6403,
-24.3942)

Have a look what the booklet for
HunterLab(46.1981, -17.6403,
-24.3942) contains.

HunterLab(46.4756, -15.7747, -24.0375)	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(46.4756,
-15.7747, -24.0375)**

Conversions

Conversions Part 1

Format	Color
Hex	008BB0
RGB	0, 139, 176
RGB Percent	0%, 55%, 69%
CMY	0.9999, 0.4549, 0.3098
CMYK	1.00, 0.21, 0.00, 0.31
HSL	193°, 100%, 35%
HSV	193°, 100%, 69%
XYZ	17.0691, 21.5998, 44.3438
YIQ	101.6570, -94.7210, -17.9610

Conversions

Conversions Part 2

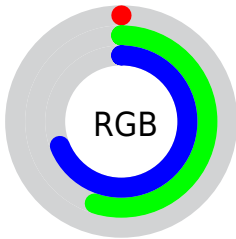
Format	Color
RYB	0, 78, 176
Decimal	35760
CIELab	53.60, -17.90, -28.25
CIELCh	54, 33.444, 237.631
Yxy	21.6006, 0.2056, 0.2602
Android (android.graphics.Color)	4278225840 (0xFF008BB0)
YUV	101.6570, 36.6511, -89.1532
Hunter-Lab	46.4756, -15.7747, -24.0375

Details

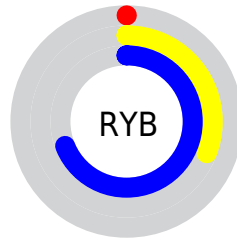
The HunterLab color **46.4756, -15.7747, -24.0375** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **32.4890, 45.1567, 20.8084**, and the grayscale version is **36.2177, -1.9325, 1.9678**.

A 20% lighter version of the original color is **68.0392, -18.9833, -24.9338**, and **29.2828, -7.6755, -20.0318** is the 20% darker color. If you saturate the color by 10%, you get **46.4741, -15.7723, -24.0407**, and if you desaturate by 10%, it is **47.7654, -16.8576, -21.8473**.

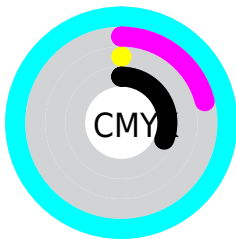
Distribution



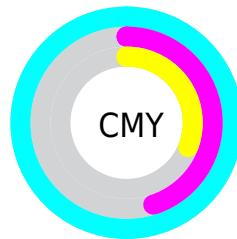
- Red (0%)
- Green (55%)
- Blue (69%)



- Red (0%)
- Yellow (31%)
- Blue (69%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (45%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.4756, -15.7747, -24.0375 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 46.4756, -15.7747, -24.0375 by changing the saturation by 10% instead.

46.4756, -15.7747,
-24.0375

46.4756, -15.7747,
-24.0375

161.3856,
-29.4467, -26.7061

36.8289, -14.1420,
-23.4854

67.8859, -18.9130,
-25.0083

27.9604, -12.4412,
-22.9228

79.5620, -20.4435,
-25.4130

19.9465, -10.6365,
-22.4200

91.8401, -21.9584,
-25.7613

12.8903, -8.6638,
-22.1745

104.6919,
-23.4630, -26.0541

6.3135, -11.0487,
-26.1031

118.0928,
-24.9614, -26.2931

0.0000, NaN, -NF

0.0000, NaN, NaN

132.0213,

-26.4566, -26.4800

0.0000, NaN, NaN

146.4580,
-27.9511, -26.6170

0.0000, NaN, NaN

■ 46.4756, -15.7747,
-24.0375

■ 46.4756, -15.7747,
-24.0375

■ 46.4741, -15.7723,
-24.0407

■ 47.7654, -16.8576,
-21.8473

■ 49.1714, -17.5172,
-19.5347

■ 50.7274, -17.6268,
-17.0586

■ 52.4399, -17.1668,
-14.4275

■ 54.3102, -16.1408,
-11.6578

■ 56.3363, -14.5685,
-8.7691

■ 58.5141, -12.4807,
-5.7817

■ 60.8378, -9.9146,
-2.7153

■ 63.3006, -6.9105,
0.4123

Harmonies

Analogous

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



46.4764, -23.6138, -10.6729



46.4756, -15.7747, -24.0375



46.4764, -3.5672, -30.1613

Triad

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



46.4764, -15.7744, -24.0367



46.4764, 26.9093, 1.4811



46.4764, -14.0911, 19.7185

Complementary

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



46.4756, -15.7747, -24.0375



32.4890, 45.1567, 20.8084

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.



46.4764, -1.3875, 21.2625



46.4756, -15.7747, -24.0375



46.4764, 23.2639, 12.7251

Square

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



46.4764, -15.7744, -24.0367



46.4764, 21.9537, -13.0035



46.4764, 12.4948, 19.1215



46.4764, -22.7241, 14.0556

Rectangle

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



46.4756, -15.7747, -24.0375



46.4764, 5.7778, -28.2892



46.4764, 12.4948, 19.1215



46.4764, -10.2031, 20.6493

Sweetspot

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



46.4764, -15.7744, -24.0367



78.6376, -16.9778, -8.0079



55.8336, -47.0918, 31.8727



36.0376, -8.4725, -4.5032



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



46.4764, -15.7744, -24.0367



62.3160, -20.8667, -32.8444



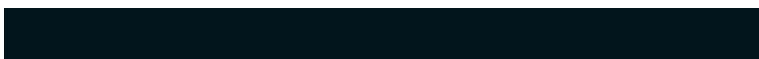
23.8010, 26.6101, -87.1880



30.5322, -3.2236, 0.2972



39.9167, -13.6591, -20.4064



7.5998, -3.1175, -2.7693

Inverse Universe

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



33.3092, 62.6339, -21.8579



44.8182, 84.2186, -28.9158



48.4235, 7.4657, 29.9679



29.3522, 1.9788, -0.2542



28.5458, 53.7068, -18.9282



5.1389, 9.7930, -4.3724

Previews

White Background



This preview shows how the HunterLab color 46.4756, -15.7747, -24.0375 looks on a white background.

Color Contrast Check

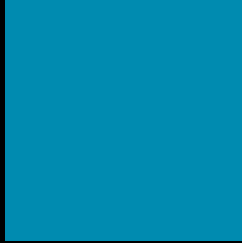
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.4756, -15.7747, -24.0375 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 46.4756, -15.7747, -24.0375 Background



This preview shows how black text looks on a background with the HunterLab color 46.4756, -15.7747, -24.0375.



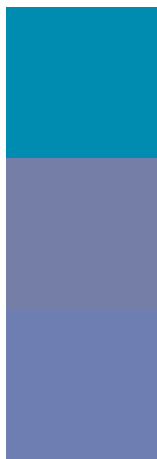
This preview shows how white text looks on a background with the HunterLab color 46.4756, -15.7747, -24.0375.

-15.7747, -24.0375.

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

46.4756, -15.7747, -24.0375

Protanopia

46.3215, 2.4810, -17.5901

Deuteranopia

46.3588, 3.6886, -25.9133



Tritanopia

46.5252, -22.2475, -10.1264

Trichromacy



Original Color

46.4756, -15.7747, -24.0375

Protanomaly

45.3770, -7.8318, -21.8666

Deuteranomaly

45.5511, -6.5216, -26.8691

Tritanomaly

46.5005, -20.1188, -14.6909

Monochromacy



Original Color

46.4756, -15.7747, -24.0375

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

38.6914, -11.0887, -8.1785

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.4756, -15.7747, -24.0375 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, 139, 176)` looks like.

```
.text, #text, p{  
    color:rgb(0, 139, 176)  
}
```

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, 139, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 139, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 46.4756, -15.7747, -24.0375 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, 139, 176) }
```


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

```
.border{ border-color:rgb(0, 139, 176) }
```

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

Here you see how a box with a 4 pixel rgb(0, 139, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 139, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 139, 176);  
box-shadow:4px 4px 4px 4px rgb(0, 139,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.4756, -15.7747, -24.0375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 139, 176) }
```

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

```
.background{ background-color: rgb(0, 139,  
176) }
```

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