

Converting Colors

HunterLab(46.1087, -15.2837,
-24.6387)

Have a look what the booklet for
HunterLab(46.1087, -15.2837,
-24.6387) contains.

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Color

**HunterLab(46.1644,
-15.3455, -24.5750)**

Conversions

Conversions Part 1

Format	Color
Hex	008AB0
RGB	0, 138, 176
RGB Percent	0%, 54%, 69%
CMY	0.9999, 0.4588, 0.3098
CMYK	1.00, 0.22, 0.00, 0.31
HSL	193°, 100%, 35%
HSV	193°, 100%, 69%
XYZ	16.9249, 21.3115, 44.2958
YIQ	101.0700, -94.4460, -17.4380

Conversions

Conversions Part 2

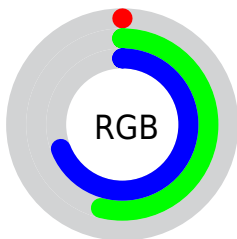
Format	Color
RYB	0, 77, 176
Decimal	35504
CIELab	53.29, -17.36, -28.73
CIELCh	53, 33.568, 238.857
Yxy	21.3123, 0.2051, 0.2582
Android (android.graphics.Color)	4278225584 (0xFF008AB0)
YUV	101.0700, 36.9405, -88.6384
Hunter-Lab	46.1644, -15.3455, -24.5750

Details

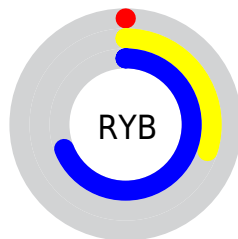
The HunterLab color **46.1644, -15.3455, -24.5750** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **32.5861, 44.8558, 20.8630**, and the grayscale version is **35.9957, -1.9206, 1.9557**.

A 20% lighter version of the original color is **67.7146, -18.5163, -25.4445**, and **28.9992, -7.2617, -20.5704** is the 20% darker color. If you saturate the color by 10%, you get **46.1628, -15.3430, -24.5784**, and if you desaturate by 10%, it is **47.4836, -16.4729, -22.3168**.

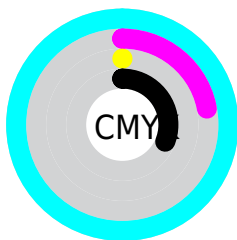
Distribution



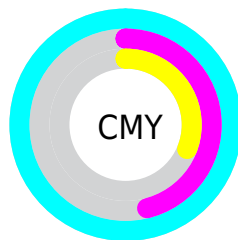
- Red (0%)
- Green (54%)
- Blue (69%)



- Red (0%)
- Yellow (30%)
- Blue (69%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (46%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.1644, -15.3455, -24.5750 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 46.1644, -15.3455, -24.5750 by changing the saturation by 10% instead.

46.1644, -15.3455,
-24.5750

46.1644, -15.3455,
-24.5750

160.9140,
-28.7837, -27.3714

36.5410, -13.7469,
-24.0143

67.5327, -18.4224,
-25.5708

27.6978, -12.0831,
-23.4490

79.1896, -19.9248,
-25.9897

19.7119, -10.3192,
-22.9558

91.4494, -21.4131,
-26.3526

12.6877, -8.3925,
-22.7504

104.2837,
-22.8922, -26.6603

6.0347, -10.5607,
-27.6261

117.6679,
-24.3662, -26.9141

0.0000, NaN, -NF

0.0000, NaN, NaN

131.5803,

-25.8380, -27.1160

0.0000, NaN, NaN

146.0014,
-27.3098, -27.2677

0.0000, NaN, NaN

■ 46.1644, -15.3455,
-24.5750

■ 46.1644, -15.3455,
-24.5750

■ 46.1628, -15.3430,
-24.5784

■ 47.4836, -16.4729,
-22.3168

■ 48.9199, -17.1748,
-19.9382

■ 50.5072, -17.3251,
-17.3983

■ 52.2515, -16.9050,
-14.7064

■ 54.1539, -15.9188,
-11.8796

■ 56.2122, -14.3873,
-8.9379

■ 58.4218, -12.3418,
-5.9019

■ 60.7769, -9.8199,
-2.7913

■ 63.2706, -6.8621,
0.3764

Harmonies

Analogous

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



46.1652, -23.3933, -11.3304



46.1644, -15.3455, -24.5750



46.1652, -2.9911, -30.3211

Triad

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



46.1652, -15.3452, -24.5742



46.1652, 27.0162, 2.0092



46.1652, -14.5327, 19.5450

Complementary

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



46.1644, -15.3455, -24.5750



32.5861, 44.8558, 20.8630

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.



46.1652, -1.9380, 21.2347



46.1644, -15.3455, -24.5750



46.1652, 23.0154, 13.0677

Square

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



46.1652, -15.3452, -24.5742



46.1652, 22.3813, -12.4590



46.1652, 12.0015, 19.2582



46.1652, -22.9642, 13.7088

Rectangle

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



46.1644, -15.3455, -24.5750



46.1652, 6.3839, -28.1426



46.1652, 12.0015, 19.2582



46.1652, -10.6952, 20.5255

Sweetspot

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



46.1652, -15.3452, -24.5742



78.5109, -16.7877, -8.1733



55.8336, -47.0918, 31.8727



35.9704, -8.3730, -4.5925



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.



46.1652, -15.3452, -24.5742



61.8901, -20.2773, -33.5843



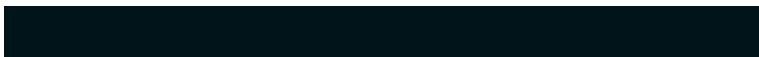
23.8011, 26.6099, -87.1876



30.5187, -3.2018, 0.2810



39.6527, -13.2958, -20.8607



7.5660, -3.0733, -2.8224

Inverse Universe

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



33.2655, 62.4788, -21.2649



44.7585, 84.0071, -28.1066



48.4236, 7.4656, 29.9679



29.3508, 1.9712, -0.2341



28.5086, 53.5751, -18.4244



5.1339, 9.7753, -4.3050

Previews

White Background



This preview shows how the HunterLab color 46.1644, -15.3455, -24.5750 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 46.1644, -15.3455, -24.5750 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

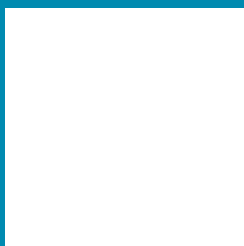
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 46.1644, -15.3455, -24.5750 Background



This preview shows how black text looks on a background with the HunterLab color 46.1644, -15.3455, -24.5750.



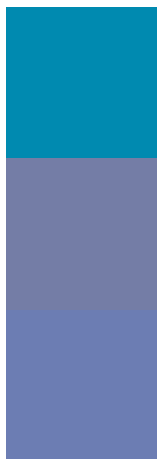
This preview shows how white text looks on a background with the HunterLab color 46.1644, -15.3455, -24.5750.

-15.3455, -24.5750.

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

46.1644, -15.3455, -24.5750

Protanopia

45.9711, 2.7179, -18.1538

Deuteranopia

45.9457, 3.7238, -26.6576



Tritanopia

46.1701, -22.0618, -10.0836

Trichromacy



Original Color

46.1644, -15.3455, -24.5750

Protanomaly

45.0815, -7.3746, -22.3665

Deuteranomaly

45.2160, -6.2026, -27.4764

Tritanomaly

46.1837, -19.7117, -15.1738

Monochromacy



Original Color

46.1644, -15.3455, -24.5750

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

38.3186, -11.0275, -8.1802

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.1644, -15.3455, -24.5750 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, 138, 176)` looks like.

```
.text, #text, p{  
    color:rgb(0, 138, 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, 138, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 138, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 46.1644, -15.3455, -24.5750 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, 138, 176) }
```


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

```
.border{ border-color:rgb(0, 138, 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, 138, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 138, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 138, 176);  
box-shadow:4px 4px 4px 4px rgb(0, 138,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.1644, -15.3455, -24.5750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 138, 176) }
```

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

```
.background{ background-color: rgb(0, 138,  
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](#).

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