

Converting Colors

HunterLab(49.5677, -15.3329,
-28.8559)

Have a look what the booklet for
HunterLab(49.5677, -15.3329,
-28.8559) contains.

HunterLab(49.6276, -15.4964, -28.5779)	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(49.6276,
-15.4964, -28.5779)**

Conversions

Conversions Part 1

Format	Color
Hex	0093BF
RGB	0, 147, 191
RGB Percent	0%, 58%, 75%
CMY	0.9998, 0.4235, 0.2510
CMYK	1.00, 0.23, 0.00, 0.25
HSL	194°, 100%, 37%
HSV	194°, 100%, 75%
XYZ	19.8377, 24.6290, 52.9985
YIQ	108.0630, -101.7360, -17.4800

Conversions

Conversions Part 2

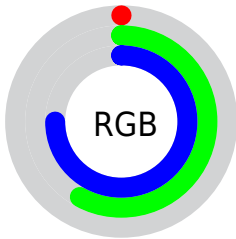
Format	Color
RYB	0, 83, 191
Decimal	37823
CIELab	56.71, -16.83, -31.96
CIELCh	57, 36.117, 242.234
Yxy	24.6298, 0.2035, 0.2527
Android (android.graphics.Color)	4278227903 (0xFF0093BF)
YUV	108.0630, 40.8879, -94.7713
Hunter-Lab	49.6276, -15.4964, -28.5779

Details

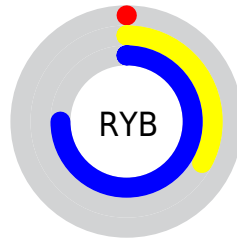
The HunterLab color **49.6276, -15.4964, -28.5779** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **35.8899, 48.5426, 22.9631**, and the grayscale version is **38.6306, -2.0612, 2.0989**.

A 20% lighter version of the original color is **71.4787, -18.3061, -29.9391**, and **31.8934, -7.1315, -24.4692** is the 20% darker color. If you saturate the color by 10%, you get **49.6253, -15.4929, -28.5826**, and if you desaturate by 10%, it is **51.1512, -16.9059, -25.9103**.

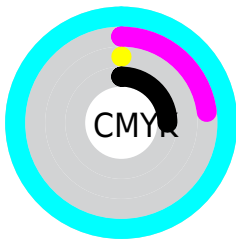
Distribution



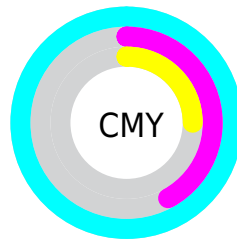
- Red (0%)
- Green (58%)
- Blue (75%)



- Red (0%)
- Yellow (33%)
- Blue (75%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6276, -15.4964, -28.5779 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 49.6276, -15.4964, -28.5779 by changing the saturation by 10% instead.

■ 49.6276, -15.4964,
-28.5779

■ 49.6276, -15.4964,
-28.5779

166.1293,
-28.6752, -31.9433

■ 39.7511, -13.9488,
-27.9790

■ 71.4535, -18.4927,
-29.6775

■ 30.6330, -12.3479,
-27.3898

■ 83.3203, -19.9621,
-30.1568

■ 22.3436, -10.6655,
-26.8909

■ 95.7798, -21.4207,
-30.5836

■ 14.9759, -8.8531,
-26.6899

■ 108.8049,
-22.8729, -30.9574

■ 8.6207, -8.9651,
-27.6369

■ 122.3723,
-24.3221, -31.2789

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 136.4609,

-25.7709, -31.5493

0.0000, NaN, NaN

151.0521,
-27.2214, -31.7702

0.0000, NaN, NaN

■ 49.6276, -15.4964,
-28.5779

■ 49.6276, -15.4964,
-28.5779

■ 49.6253, -15.4929,
-28.5826

■ 51.1512, -16.9059,
-25.9103

■ 52.8103, -17.8284,
-23.1093

■ 54.6388, -18.1363,
-20.1360

■ 56.6429, -17.8096,
-17.0029

■ 58.8232, -16.8551,
-13.7304

■ 61.1764, -15.2976,
-10.3421

■ 63.6968, -13.1737,
-6.8615

■ 66.3775, -10.5262,
-3.3104

■ 69.2103, -7.4009,
0.2919

Harmonies

Analogous

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



49.6284, -24.9505, -14.4537



49.6276, -15.4964, -28.5779



49.6284, -1.5107, -33.6967

Triad

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



49.6284, -15.4960, -28.5770



49.6284, 29.9132, 3.7689



49.6284, -17.2419, 20.8795

Complementary

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



49.6276, -15.4964, -28.5779



35.8899, 48.5426, 22.9631

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.



49.6284, -3.7805, 23.1695



49.6276, -15.4964, -28.5779



49.6284, 24.4491, 15.3175

Square

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



49.6284, -15.4960, -28.5770



49.6284, 25.8217, -12.0067



49.6284, 11.6505, 21.4879



49.6284, -25.8704, 13.9471

Rectangle

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



49.6276, -15.4964, -28.5779



49.6284, 8.8510, -30.3720



49.6284, 11.6505, 21.4879



49.6284, -13.1919, 22.1049

Sweetspot

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



49.6284, -15.4960, -28.5770



85.0718, -17.7880, -9.4159



61.1762, -51.5062, 34.7247



39.1799, -8.9388, -5.3493



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.



49.6284, -15.4960, -28.5770



66.1206, -20.3237, -38.7720



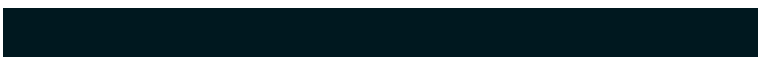
25.3254, 31.3118, -99.2421



32.2903, -3.3445, 0.2427



40.3866, -12.7795, -22.8924



8.5538, -3.2935, -3.5818

Inverse Universe

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



36.3097, 67.9771, -21.5112



48.5502, 90.8333, -28.2359



53.7941, 6.7903, 33.2653



31.0767, 2.0970, -0.2085



29.4555, 55.1862, -17.7312



5.9095, 11.2047, -4.5880

Previews

White Background



This preview shows how the HunterLab color 49.6276, -15.4964, -28.5779 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 49.6276, -15.4964, -28.5779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

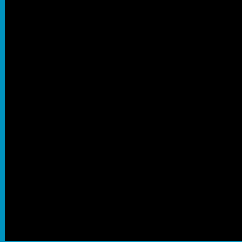
Any Text WCAG AA ✓ Pass

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 49.6276, -15.4964, -28.5779 Background



This preview shows how black text looks on a background with the HunterLab color 49.6276, -15.4964, -28.5779.



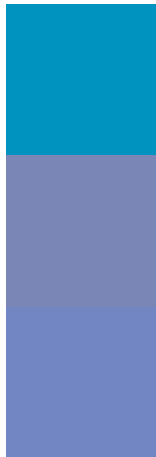
This preview shows how white text looks on a background with the HunterLab color 49.6276, -15.4964, -28.5779.

-15.4964, -28.5779.

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

49.6276, -15.4964, -28.5779

Protanopia

49.5217, 3.0585, -21.7706

Deuteranopia

49.4530, 3.9572, -30.6495



Tritanopia

49.7412, -23.9305, -10.5131

Trichromacy



Original Color

49.6276, -15.4964, -28.5779

Protanomaly

48.5672, -7.3277, -26.2341

Deuteranomaly

48.6757, -6.2264, -31.5691

Tritanomaly

49.8295, -21.1128, -16.7061

Monochromacy



Original Color

49.6276, -15.4964, -28.5779

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

41.2544, -11.6146, -9.3392

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6276, -15.4964, -28.5779 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, 147, 191)` looks like.

```
.text, #text, p{  
    color:rgb(0, 147, 191)  
}
```

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, 147, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 147, 191) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6276, -15.4964, -28.5779 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, 147, 191) }
```


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

```
.border{ border-color:rgb(0, 147, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 147, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 147, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 147, 191);  
box-shadow:4px 4px 4px 4px rgb(0, 147,  
191) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6276, -15.4964, -28.5779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 147, 191) }
```

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

```
.background{ background-color: rgb(0, 147,  
191) }
```

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