

Converting Colors

HunterLab(49.9153, -15.8202,
-28.2385)

Have a look what the booklet for
HunterLab(49.9153, -15.8202,
-28.2385) contains.

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Color

**HunterLab(49.9414,
-15.9354, -28.0223)**

Conversions

Conversions Part 1

Format	Color
Hex	0094BF
RGB	0, 148, 191
RGB Percent	0%, 58%, 75%
CMY	0.9998, 0.4196, 0.2510
CMYK	1.00, 0.23, 0.00, 0.25
HSL	194°, 100%, 37%
HSV	194°, 100%, 75%
XYZ	19.9939, 24.9414, 53.0507
YIQ	108.6500, -102.0110, -18.0030

Conversions

Conversions Part 2

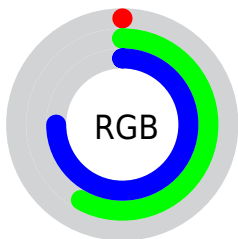
Format	Color
RYB	0, 83, 191
Decimal	38079
CIELab	57.02, -17.37, -31.48
CIELCh	57, 35.955, 241.115
Yxy	24.9423, 0.2041, 0.2545
Android (android.graphics.Color)	4278228159 (0xFF0094BF)
YUV	108.6500, 40.5986, -95.2860
Hunter-Lab	49.9414, -15.9354, -28.0223

Details

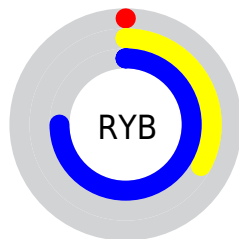
The HunterLab color **49.9414, -15.9354, -28.0223** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **35.7873, 48.8580, 22.9053**, and the grayscale version is **38.8556, -2.0732, 2.1111**.

A 20% lighter version of the original color is **71.8051, -18.7815, -29.4113**, and **32.1800, -7.5573, -23.9082** is the 20% darker color. If you saturate the color by 10%, you get **49.9390, -15.9319, -28.0271**, and if you desaturate by 10%, it is **51.4358, -17.2989, -25.4259**.

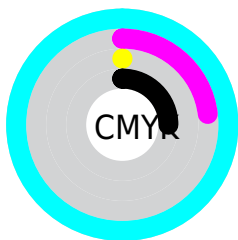
Distribution



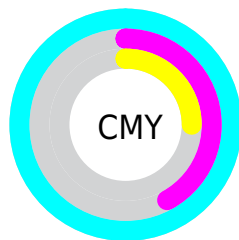
- Red (0%)
- Green (58%)
- Blue (75%)



- 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 49.9414, -15.9354, -28.0223 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 49.9414, -15.9354, -28.0223 by changing the saturation by 10% instead.

■ 49.9414, -15.9354,
-28.0223

■ 49.9414, -15.9354,
-28.0223

166.5984,
-29.3437, -31.2707

■ 40.0426, -14.3547,
-27.4299

■ 71.8078, -18.9917,
-29.1003

■ 30.9003, -12.7179,
-26.8413

■ 83.6932, -20.4885,
-29.5668

■ 22.5843, -10.9961,
-26.3308

■ 96.1703, -21.9733,
-29.9802

■ 15.1866, -9.1396,
-26.0908

■ 109.2124,
-23.4505, -30.3403

■ 8.8151, -9.0564,
-26.8299

■ 122.7960,
-24.9237, -30.6479

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 136.9003,

-26.3956, -30.9044

0.0000, NaN, NaN

151.5066,
-27.8684, -31.1114

0.0000, NaN, NaN

■ 49.9414, -15.9354,
-28.0223

■ 49.9414, -15.9354,
-28.0223

■ 49.9390, -15.9319,
-28.0271

■ 51.4358, -17.2989,
-25.4259

■ 53.0644, -18.1776,
-22.6938

■ 54.8616, -18.4436,
-19.7870

■ 56.8337, -18.0760,
-16.7169

■ 58.9816, -17.0806,
-13.5033

■ 61.3024, -15.4815,
-10.1695

■ 63.7907, -13.3144,
-6.7387

■ 66.4396, -10.6220,
-3.2328

■ 69.2411, -7.4496,
0.3288

Harmonies

Analogous

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



49.9423, -25.1764, -13.7668



49.9414, -15.9354, -28.0223



49.9423, -2.1012, -33.5372

Triad

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



49.9423, -15.9350, -28.0214



49.9423, 29.8083, 3.2530



49.9423, -16.8051, 21.0569

Complementary

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



49.9414, -15.9354, -28.0223



35.7873, 48.8580, 22.9053

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.



49.9423, -3.2313, 23.2015



49.9414, -15.9354, -28.0223



49.9423, 24.7045, 14.9902

Square

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



49.9423, -15.9350, -28.0214



49.9423, 25.3869, -12.5509



49.9423, 12.1482, 21.3615



49.9423, -25.6352, 14.3061

Rectangle

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



49.9414, -15.9354, -28.0223



49.9423, 8.2299, -30.5260



49.9423, 12.1482, 21.3615



49.9423, -12.7039, 22.2319

Sweetspot

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



49.9423, -15.9350, -28.0214



85.1991, -17.9796, -9.2489



61.1762, -51.5062, 34.7246



39.2482, -9.0403, -5.2580



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.



49.9423, -15.9350, -28.0214



66.5463, -20.9214, -38.0138



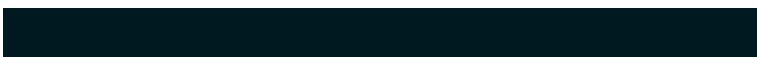
25.3257, 31.3111, -99.2407



32.3035, -3.3659, 0.2586



40.6377, -13.1298, -22.4500



8.5918, -3.3440, -3.5204

Inverse Universe

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



36.3532, 68.1311, -22.1018



48.6089, 91.0418, -29.0352



53.7943, 6.7900, 33.2654



31.0781, 2.1044, -0.2283



29.4904, 55.3099, -18.2050



5.9151, 11.2243, -4.6627

Previews

White Background



This preview shows how the HunterLab color 49.9414, -15.9354, -28.0223 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 49.9414, -15.9354, -28.0223 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

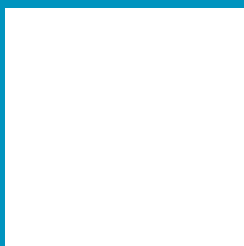
Any Text WCAG AAA × Fail

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

HunterLab 49.9414, -15.9354, -28.0223 Background



This preview shows how black text looks on a background with the HunterLab color 49.9414, -15.9354, -28.0223.



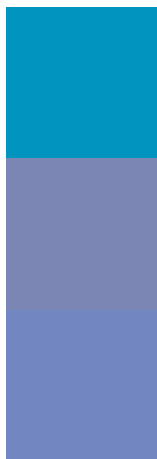
This preview shows how white text looks on a background with the HunterLab color 49.9414, -15.9354, -28.0223.

-15.9354, -28.0223.

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

49.9414, -15.9354, -28.0223

Protanopia

49.5957, 3.3073, -21.6425

Deuteranopia

49.8000, 3.6807, -30.0141



Tritanopia

49.7771, -23.7187, -11.0152

Trichromacy



Original Color

49.9414, -15.9354, -28.0223

Protanomaly

48.5672, -7.3277, -26.2341

Deuteranomaly

49.0132, -6.5571, -30.9438

Tritanomaly

49.8295, -21.1128, -16.7061

Monochromacy



Original Color

49.9414, -15.9354, -28.0223

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

41.5875, -11.8407, -9.4048

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9414, -15.9354, -28.0223 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, 148, 191)` looks like.

```
.text, #text, p{  
    color:rgb(0, 148, 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, 148, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 148, 191) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9414, -15.9354, -28.0223 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, 148, 191) }
```


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

```
.border{ border-color:rgb(0, 148, 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, 148, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 148, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 148, 191);  
box-shadow:4px 4px 4px 4px rgb(0, 148,  
191) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9414, -15.9354, -28.0223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 148, 191) }
```

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

```
.background{ background-color: rgb(0, 148,  
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](#).

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