

Converting Colors

HunterLab(49.6100, -16.9189,
-29.9831)

Have a look what the booklet for
HunterLab(49.6100, -16.9189,
-29.9831) contains.

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Color

**HunterLab(50.0301,
-15.4265, -29.2319)**

Conversions

Conversions Part 1

Format	Color
Hex	0094C1
RGB	0, 148, 193
RGB Percent	0%, 58%, 76%
CMY	0.9998, 0.4196, 0.2431
CMYK	1.00, 0.23, 0.00, 0.24
HSL	194°, 100%, 38%
HSV	194°, 100%, 76%
XYZ	20.2156, 25.0301, 54.2180
YIQ	108.8780, -102.6530, -17.3810

Conversions

Conversions Part 2

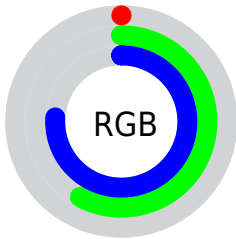
Format	Color
RYB	0, 84, 193
Decimal	38081
CIELab	57.11, -16.65, -32.48
CIELCh	57, 36.496, 242.864
Yxy	25.0310, 0.2032, 0.2517
Android (android.graphics.Color)	4278228161 (0xFF0094C1)
YUV	108.8780, 41.4721, -95.4860
Hunter-Lab	50.0301, -15.4265, -29.2319

Details

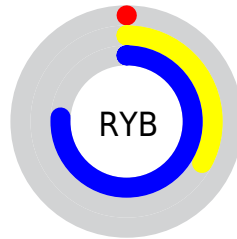
The HunterLab color **50.0301, -15.4265, -29.2319** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **36.3558, 48.9723, 23.2577**, and the grayscale version is **38.9393, -2.0777, 2.1156**.

A 20% lighter version of the original color is **71.8920, -18.2878, -30.6094**, and **32.2699, -7.0492, -25.1173** is the 20% darker color. If you saturate the color by 10%, you get **50.0277, -15.4229, -29.2367**, and if you desaturate by 10%, it is **51.5870, -16.8836, -26.4941**.

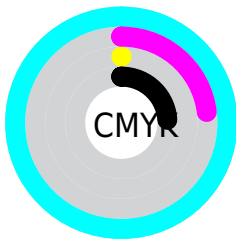
Distribution



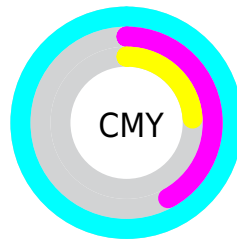
- Red (0%)
- Green (58%)
- Blue (76%)



- Red (0%)
- Yellow (33%)
- Blue (76%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0301, -15.4265, -29.2319 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 50.0301, -15.4265, -29.2319 by changing the saturation by 10% instead.

■ 50.0301, -15.4265,
-29.2319

■ 50.0301, -15.4265,
-29.2319

166.7310,
-28.5263, -32.6917

■ 40.1250, -13.8920,
-28.6272

■ 71.9079, -18.4006,
-30.3484

■ 30.9758, -12.3061,
-28.0354

■ 83.7985, -19.8603,
-30.8376

■ 22.6523, -10.6415,
-27.5384

■ 96.2807, -21.3098,
-31.2751

■ 15.2463, -8.8517,
-27.3461

■ 109.3275,
-22.7536, -31.6599

■ 8.8692, -8.6520,
-28.2007

■ 122.9157,
-24.1949, -31.9927

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 137.0244,

-25.6361, -32.2746

0.0000, NaN, NaN

151.6350,
-27.0794, -32.5070

0.0000, NaN, NaN

■ 50.0301, -15.4265,
-29.2319

■ 50.0301, -15.4265,
-29.2319

■ 50.0277, -15.4229,
-29.2367

■ 51.5870, -16.8836,
-26.4941

■ 53.2821, -17.8448,
-23.6217

■ 55.1493, -18.1826,
-20.5763

■ 57.1948, -17.8769,
-17.3706

■ 59.4190, -16.9350,
-14.0259

■ 61.8184, -15.3827,
-10.5663

■ 64.3872, -13.2570,
-7.0156

■ 67.1180, -10.6018,
-3.3961

■ 70.0027, -7.4635,
0.2730

Harmonies

Analogous

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



50.0310, -25.1135, -15.0187



50.0301, -15.4265, -29.2319



50.0310, -1.1900, -34.1824

Triad

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



50.0310, -15.4261, -29.2310



50.0310, 30.3230, 4.1050



50.0310, -17.6919, 21.0225

Complementary

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



50.0301, -15.4265, -29.2319



36.3558, 48.9723, 23.2577

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.



50.0310, -4.1374, 23.4221



50.0301, -15.4265, -29.2319



50.0310, 24.5892, 15.6811

Square

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



50.0310, -15.4261, -29.2310



50.0310, 26.3729, -11.8375



50.0310, 11.5029, 21.8101



50.0310, -26.3067, 13.9042

Rectangle

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



50.0301, -15.4265, -29.2319



50.0310, 9.3107, -30.6391



50.0310, 11.5029, 21.8101



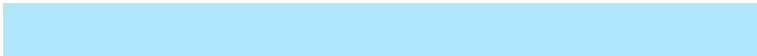
50.0310, -13.6238, 22.2912

Sweetspot

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



50.0310, -15.4261, -29.2310



85.9941, -17.8982, -9.6245



61.8924, -52.1137, 35.1407



39.1435, -8.8847, -5.3981



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.



50.0310, -15.4261, -29.2310



66.6555, -20.2236, -39.6567



25.6041, 31.7320, -100.4976



33.1923, -3.4326, 0.2353



40.9548, -12.7957, -23.5676



9.0773, -3.4321, -3.9369

Inverse Universe

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



36.7105, 68.6860, -21.4272



49.0862, 91.7806, -28.1176



54.4143, 6.8887, 33.6492



31.9469, 2.1660, -0.2106



29.9591, 56.0946, -17.7630



6.3073, 11.9432, -4.7743

Previews

White Background



This preview shows how the HunterLab color 50.0301, -15.4265, -29.2319 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 50.0301, -15.4265, -29.2319 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 50.0301, -15.4265, -29.2319 Background



This preview shows how black text looks on a background with the HunterLab color 50.0301, -15.4265, -29.2319.



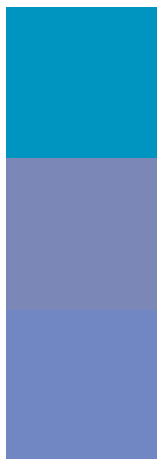
This preview shows how white text looks on a background with the HunterLab color 50.0301, -15.4265, -29.2319.

-15.4265, -29.2319.

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

50.0301, -15.4265, -29.2319

Protanopia

49.9578, 3.2556, -22.3277

Deuteranopia

49.8239, 3.9423, -31.3765



Tritanopia

50.1007, -24.1187, -10.5562

Trichromacy



Original Color

50.0301, -15.4265, -29.2319

Protanomaly

48.9528, -7.3082, -26.9050

Deuteranomaly

49.0653, -6.1885, -32.2634

Tritanomaly

50.1889, -21.2993, -16.7527

Monochromacy



Original Color

50.0301, -15.4265, -29.2319

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

41.6228, -11.6393, -9.8982

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0301, -15.4265, -29.2319 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(0, 148, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 148, 193) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0301, -15.4265, -29.2319 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, 193) }
```


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

```
.border{ border-color:rgb(0, 148, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 148, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 148, 193);  
box-shadow:4px 4px 4px 4px rgb(0, 148,  
193) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0301, -15.4265, -29.2319 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, 193) }
```

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

```
.background{ background-color: rgb(0, 148,  
193) }
```

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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