

Converting Colors

HunterLab(49.3406, -19.1466,
-36.4617)

Have a look what the booklet for
HunterLab(49.3406, -19.1466,
-36.4617) contains.

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Color

**HunterLab(50.7069,
-13.7913, -33.6079)**

Conversions

Conversions Part 1

Format	Color
Hex	0095C9
RGB	0, 149, 201
RGB Percent	0%, 58%, 79%
CMY	0.9998, 0.4157, 0.2118
CMYK	1.00, 0.26, 0.00, 0.21
HSL	196°, 100%, 39%
HSV	196°, 100%, 79%
XYZ	21.2900, 25.7119, 59.0991
YIQ	110.3770, -105.4960, -15.4160

Conversions

Conversions Part 2

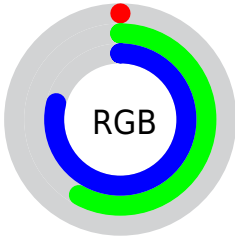
Format	Color
RYB	0, 86, 201
Decimal	38345
CIELab	57.76, -14.28, -35.97
CIELCh	58, 38.699, 248.338
Yxy	25.7128, 0.2007, 0.2423
Android (android.graphics.Color)	4278228425 (0xFF0095C9)
YUV	110.3770, 44.6771, -96.8006
Hunter-Lab	50.7069, -13.7913, -33.6079

Details

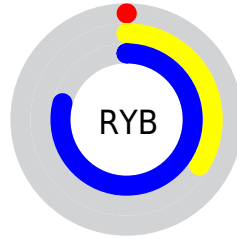
The HunterLab color **50.7069, -13.7913, -33.6079** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **38.5713, 49.6655, 24.6350**, and the grayscale version is **39.5004, -2.1076, 2.1461**.

A 20% lighter version of the original color is **72.5152, -17.2356, -32.9716**, and **32.9271, -5.3951, -29.5095** is the 20% darker color. If you saturate the color by 10%, you get **50.7040, -13.7868, -33.6138**, and if you desaturate by 10%, it is **52.4838, -15.5842, -30.3575**.

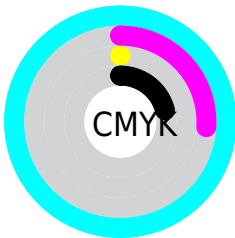
Distribution



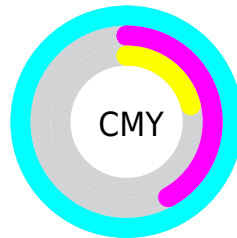
- Red (0%)
- Green (58%)
- Blue (79%)



- Red (0%)
- Yellow (34%)
- Blue (79%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (42%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.7069, -13.7913, -33.6079 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 50.7069, -13.7913, -33.6079 by changing the saturation by 10% instead.

■ 50.7069, -13.7913,
-33.6079

■ 50.7069, -13.7913,
-33.6079

167.7406,
-25.8894, -37.7458

■ 40.7540, -12.4071,
-32.9719

■ 72.6713, -16.4982,
-34.8393

■ 31.5532, -10.9872,
-32.3824

■ 84.6017, -17.8370,
-35.4003

■ 23.1729, -9.5100,
-31.9475

■ 97.1218, -19.1723,
-35.9146

■ 15.7030, -7.9389,
-31.9347

■ 110.2050,
-20.5075, -36.3796

■ 9.2707, -7.2094,
-33.1522

■ 123.8280,
-21.8451, -36.7947

0.0000, NaN, -NF

0.0000, NaN, -NF

137.9703,

-23.1870, -37.1601

0.0000, NaN, NaN

152.6133,
-24.5347, -37.4767

0.0000, NaN, NaN

■ 50.7069, -13.7913,
-33.6079

■ 50.7069, -13.7913,
-33.6079

■ 50.7040, -13.7868,
-33.6138

■ 52.4838, -15.5842,
-30.3575

■ 54.4136, -16.8383,
-26.9763

■ 56.5299, -17.4264,
-23.4285

■ 58.8375, -17.3318,
-19.7318

■ 61.3352, -16.5668,
-15.9119

■ 64.0178, -15.1627,
-11.9959

■ 66.8779, -13.1620,
-8.0098

■ 69.9067, -10.6129,
-3.9763

■ 73.0948, -7.5659,
0.0857

Harmonies

Analogous

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



50.7078, -25.0706, -19.4953



50.7069, -13.7913, -33.6079



50.7078, 1.9280, -36.6021

Triad

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



50.7078, -13.7908, -33.6069



50.7078, 32.2666, 6.9053



50.7078, -20.7602, 21.0500

Complementary

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



50.7069, -13.7913, -33.6079



38.5713, 49.6655, 24.6350

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.



50.7078, -7.1839, 24.3188



50.7069, -13.7913, -33.6079



50.7078, 24.3585, 18.0180

Square

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



50.7078, -13.7908, -33.6069



50.7078, 29.9139, -9.5558



50.7078, 9.4160, 23.4190



50.7078, -28.7255, 12.5982

Rectangle

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



50.7069, -13.7913, -33.6079



50.7078, 13.0811, -31.2147



50.7078, 9.4160, 23.4190



50.7078, -16.7748, 22.6466

Sweetspot

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



50.7078, -13.7908, -33.6069



87.3375, -17.3531, -10.7123



64.8126, -54.2937, 36.1969



39.6553, -8.5821, -5.9913

0.0000, NaN, NaN



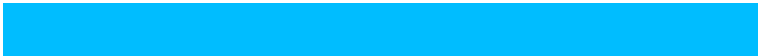
46.2646, -2.4686, 2.5136

Same Dimension

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



50.7078, -13.7908, -33.6069



66.0474, -17.6100, -44.5385



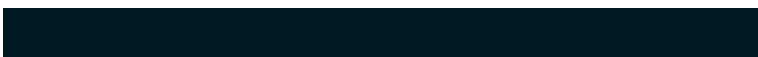
25.5397, 37.0499, -111.8965



34.0368, -3.4213, 0.1539



40.3970, -11.2082, -26.2974



9.4074, -3.3024, -4.6295

Inverse Universe

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



38.1949, 71.0849, -19.3588



49.9348, 92.8740, -24.7799



58.7147, 4.0065, 36.2486



32.8145, 2.2007, -0.1207



30.3108, 56.4600, -15.6997



6.6810, 12.5889, -4.5780

Previews

White Background



This preview shows how the HunterLab color 50.7069, -13.7913, -33.6079 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 50.7069, -13.7913, -33.6079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

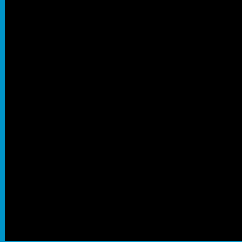
Any Text WCAG AA ✓ Pass

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 50.7069, -13.7913, -33.6079 Background



This preview shows how black text looks on a background with the HunterLab color 50.7069, -13.7913, -33.6079.



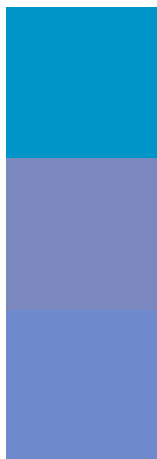
This preview shows how white text looks on a background with the HunterLab color 50.7069,

-13.7913, -33.6079.

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

50.7069, -13.7913, -33.6079

Protanopia

50.5049, 4.3360, -26.6672

Deuteranopia

50.5628, 4.2734, -35.7555



Tritanopia

50.8211, -24.4958, -10.6425

Trichromacy



Original Color

50.7069, -13.7913, -33.6079

Protanomaly

49.6080, -5.7930, -31.2395

Deuteranomaly

49.6625, -4.8518, -36.9360

Tritanomaly

50.6664, -20.7978, -18.4321

Monochromacy



Original Color

50.7069, -13.7913, -33.6079

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

42.0720, -11.2947, -10.8947

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.7069, -13.7913, -33.6079 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, 149, 201)` looks like.

```
.text, #text, p{  
    color:rgb(0, 149, 201)  
}
```

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, 149, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 149, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 50.7069, -13.7913, -33.6079 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, 149, 201) }
```


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

```
.border{ border-color:rgb(0, 149, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 149, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 149, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 149, 201);  
box-shadow:4px 4px 4px 4px rgb(0, 149,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.7069, -13.7913, -33.6079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 149, 201) }
```

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

```
.background{ background-color: rgb(0, 149,  
201) }
```

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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