

Converting Colors

HunterLab(44.5653, -39.5419,
-47.0463)

Have a look what the booklet for
HunterLab(44.5653, -39.5419,
-47.0463) contains.

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Color

**HunterLab(51.0193,
-14.2410, -33.0276)**

Conversions

Conversions Part 1	
Format	Color
Hex	0096C9
RGB	0, 150, 201
RGB Percent	0%, 59%, 79%
CMY	0.9998, 0.4118, 0.2118
CMYK	1.00, 0.25, 0.00, 0.21
HSL	195°, 100%, 39%
HSV	195°, 100%, 79%
XYZ	21.4489, 26.0297, 59.1520
YIQ	110.9640, -105.7710, -15.9390

Conversions

Conversions Part 2

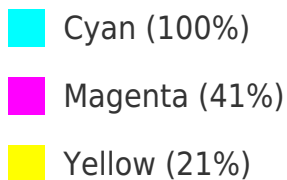
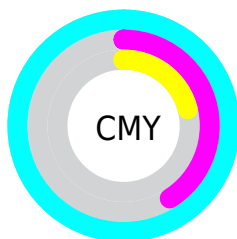
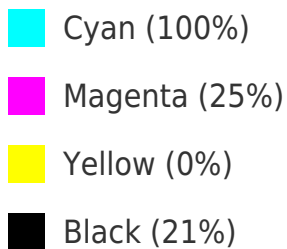
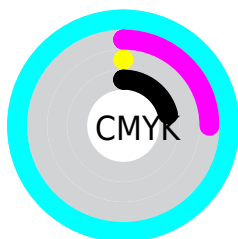
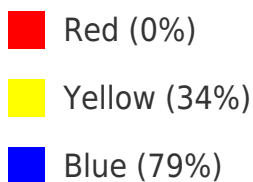
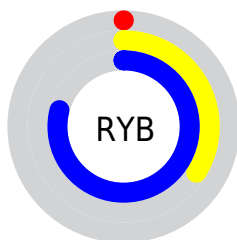
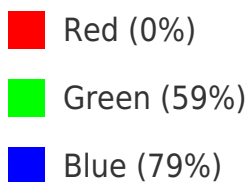
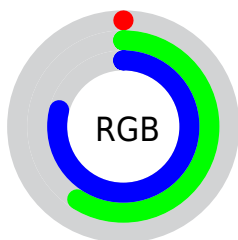
Format	Color
RYB	0, 86, 201
Decimal	38601
CIELab	58.07, -14.84, -35.49
CIELCh	58, 38.469, 247.315
Yxy	26.0306, 0.2012, 0.2441
Android (android.graphics.Color)	4278228681 (0xFF0096C9)
YUV	110.9640, 44.3877, -97.3154
Hunter-Lab	51.0193, -14.2410, -33.0276

Details

The HunterLab color **51.0193, -14.2410, -33.0276** 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 **38.4565, 50.0109, 24.5703**, and the grayscale version is **39.7260, -2.1197, 2.1584**.

A 20% lighter version of the original color is **72.8412, -17.7163, -32.4329**, and **33.2118, -5.8351, -28.9156** is the 20% darker color. If you saturate the color by 10%, you get **51.0165, -14.2366, -33.0334**, and if you desaturate by 10%, it is **52.7676, -15.9858, -29.8539**.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 51.0193, -14.2410, -33.0276 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 51.0193, -14.2410, -33.0276 by changing the saturation by 10% instead.


 51.0193, -14.2410,
-33.0276


 51.0193, -14.2410,
-33.0276


168.2059,
-26.5704, -37.0620


 41.0445, -12.8234,
-32.3944


 73.0235, -17.0083,
-34.2426


 31.8200, -11.3674,
-31.8003


 84.9722, -18.3748,
-34.7926

 23.4137, -9.8506,
-31.3461

 97.5097, -19.7365,
-35.2950

 15.9146, -8.2351,
-31.2815

 110.6095,
-21.0969, -35.7476

 9.4497, -7.3461,
-32.3496

 124.2485,
-22.4586, -36.1499

0.0000, NaN, -NF

138.4062,

0.0000, NaN, -NF

-23.8238, -36.5024

0.0000, NaN, NaN

153.0641,
-25.1940, -36.8060

0.0000, NaN, NaN

■ 51.0193, -14.2410,
-33.0276

■ 51.0193, -14.2410,
-33.0276

■ 51.0165, -14.2366,
-33.0334

■ 52.7676, -15.9858,
-29.8539

■ 54.6675, -17.1945,
-26.5465

■ 56.7527, -17.7393,
-23.0691

■ 59.0285, -17.6027,
-19.4387

■ 61.4939, -16.7960,
-15.6802

■ 64.1441, -15.3493,
-11.8205

■ 66.9720, -13.3047,
-7.8855

■ 69.9689, -10.7101,
-3.8980

■ 73.1256, -7.6154,
0.1226

Harmonies

Analogous

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



51.0202, -25.3022, -18.7628



51.0193, -14.2410, -33.0276



51.0202, 1.3207, -36.4467

Triad

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



51.0202, -14.2405, -33.0266



51.0202, 32.1682, 6.4238



51.0202, -20.3418, 21.2317

Complementary

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



51.0193, -14.2410, -33.0276



38.4565, 50.0109, 24.5703

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.



51.0202, -6.6485, 24.3581



51.0193, -14.2410, -33.0276



51.0202, 24.6219, 17.7269

Square

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



51.0202, -14.2405, -33.0266



51.0202, 29.4738, -10.0877



51.0202, 9.9120, 23.3146



51.0202, -28.5045, 12.9747

Rectangle

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



51.0193, -14.2410, -33.0276



51.0202, 12.4425, -31.3800



51.0202, 9.9120, 23.3146



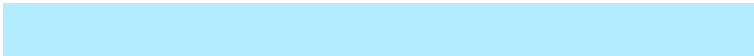
51.0202, -16.3047, 22.7771

Sweetspot

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



51.0202, -14.2405, -33.0266



87.4625, -17.5425, -10.5468



64.8125, -54.2937, 36.1969



39.7214, -8.6812, -5.9018

0.0000, NaN, NaN



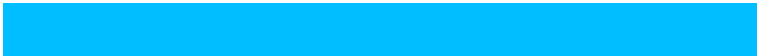
46.2646, -2.4686, 2.5136

Same Dimension

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



51.0202, -14.2405, -33.0266



66.4613, -18.2079, -43.7651



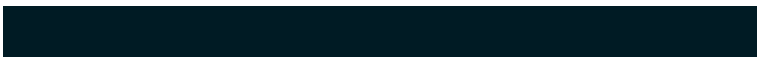
25.5397, 37.0499, -111.8964



34.0502, -3.4430, 0.1699



40.6416, -11.5589, -25.8460



9.4499, -3.3603, -4.5577

Inverse Universe

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



38.2369, 71.2345, -19.9338



49.9902, 93.0715, -25.5393



58.7147, 4.0065, 36.2486



32.8159, 2.2082, -0.1407



30.3437, 56.5775, -16.1511



6.6871, 12.6104, -4.6599

Previews

White Background



This preview shows how the HunterLab color 51.0193, -14.2410, -33.0276 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 51.0193, -14.2410, -33.0276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

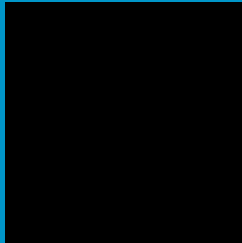
Any Text WCAG AA ✓ Pass

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 51.0193, -14.2410, -33.0276 Background



This preview shows how black text looks on a background with the HunterLab color 51.0193, -14.2410, -33.0276.



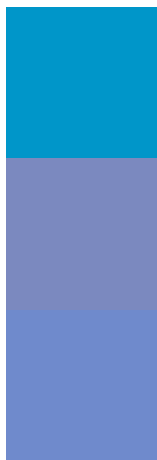
This preview shows how white text looks on a background with the HunterLab color 51.0193, -14.2410, -33.0276.

-14.2410, -33.0276.

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

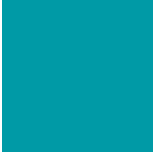
51.0193, -14.2410, -33.0276

Protanopia

50.8565, 4.0760, -26.0550

Deuteranopia

50.9079, 3.9803, -35.0940



Tritanopia

50.8570, -24.2835, -11.1457

Trichromacy



Original Color

51.0193, -14.2410, -33.0276



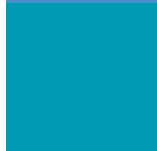
Protanomaly

49.9057, -6.2674, -30.6962



Deuteranomaly

49.9974, -5.1990, -36.2839



Tritanomaly

51.0266, -20.9845, -18.4794

Monochromacy



Original Color

51.0193, -14.2410, -33.0276



Achromatopsia

39.8699, -2.1274, 2.1662



Achromatomaly

42.4505, -11.3570, -10.8934

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.0193, -14.2410, -33.0276 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, 150, 201)` looks like.

```
.text, #text, p{  
    color:rgb(0, 150, 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, 150, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 150, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 51.0193, -14.2410, -33.0276 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, 150, 201) }
```


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

```
.border{ border-color:rgb(0, 150, 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, 150, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 150, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 150, 201);  
box-shadow:4px 4px 4px 4px rgb(0, 150,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.0193, -14.2410, -33.0276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 150, 201) }
```

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

```
.background{ background-color: rgb(0, 150,  
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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