

Converting Colors

HunterLab(51.5467, -14.0075,
-34.1907)

Have a look what the booklet for
HunterLab(51.5467, -14.0075,
-34.1907) contains.

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Color

**HunterLab(51.4712,
-13.8985, -34.3316)**

Conversions

Conversions Part 1	
Format	Color
Hex	0097CC
RGB	0, 151, 204
RGB Percent	0%, 59%, 80%
CMY	0.9998, 0.4078, 0.2000
CMYK	1.00, 0.26, 0.00, 0.20
HSL	196°, 100%, 40%
HSV	196°, 100%, 80%
XYZ	21.9657, 26.4928, 61.0826
YIQ	111.8930, -107.0090, -15.5290

Conversions

Conversions Part 2

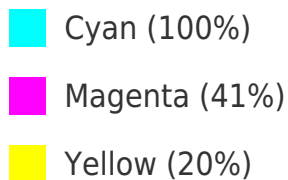
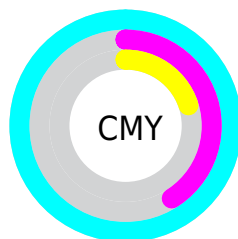
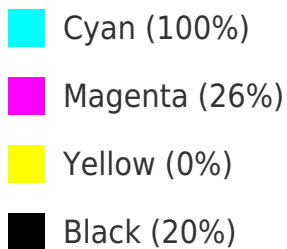
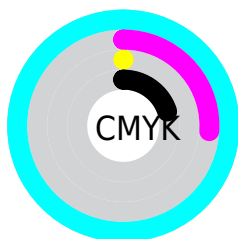
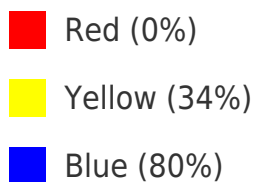
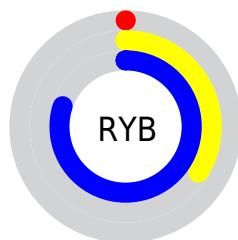
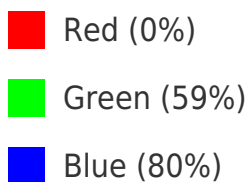
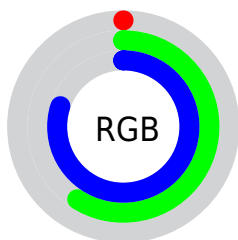
Format	Color
RYB	0, 87, 204
Decimal	38860
CIELab	58.50, -14.29, -36.50
CIELCh	59, 39.195, 248.614
Yxy	26.4937, 0.2005, 0.2419
Android (android.graphics.Color)	4278228940 (0xFF0097CC)
YUV	111.8930, 45.4088, -98.1302
Hunter-Lab	51.4712, -13.8985, -34.3316

Details

The HunterLab color **51.4712, -13.8985, -34.3316** 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 **39.2275, 50.4694, 25.0533**, and the grayscale version is **40.0786, -2.1385, 2.1775**.

A 20% lighter version of the original color is **73.2065, -18.0539, -31.8294**, and **33.6398, -5.4774, -30.2226** is the 20% darker color. If you saturate the color by 10%, you get **51.4680, -13.8936, -34.3383**, and if you desaturate by 10%, it is **53.2840, -15.7413, -31.0087**.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 51.4712, -13.8985, -34.3316 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 51.4712, -13.8985, -34.3316 by changing the saturation by 10% instead.


 51.4712, -13.8985,
-34.3316


 51.4712, -13.8985,
-34.3316


168.8779,
-25.9992, -38.5416


 41.4649, -12.5158,
-33.6913


 73.5326, -16.6042,
-35.5749


 32.2063, -11.0987,
-33.0984


 85.5076, -17.9430,
-36.1432

 23.7626, -9.6261,
-32.6595

 98.0702, -19.2786,
-36.6654

 16.2216, -8.0631,
-32.6348

 111.1940,
-20.6142, -37.1389

 9.7081, -6.9543,
-33.7873

 124.8561,
-21.9524, -37.5627

0.0000, NaN, -NF

0.0000, NaN, -NF

139.0360,

-23.2950, -37.9372

0.0000, NaN, NaN

153.7154,
-24.6435, -38.2631

0.0000, NaN, NaN

■ 51.4712, -13.8985,
-34.3316

■ 51.4712, -13.8985,
-34.3316

■ 51.4680, -13.8936,
-34.3383

■ 53.2840, -15.7413,
-31.0087

■ 55.2533, -17.0331,
-27.5522

■ 57.4128, -17.6463,
-23.9265

■ 59.7673, -17.5637,
-20.1501

■ 62.3156, -16.7980,
-16.2491

■ 65.0523, -15.3812,
-12.2513

■ 67.9698, -13.3567,
-8.1832

■ 71.0592, -10.7739,
-4.0678

■ 74.3108, -7.6841,
0.0756

Harmonies

Analogous

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



51.4721, -25.4270, -20.0249



51.4712, -13.8985, -34.3316



51.4721, 2.1279, -37.2583

Triad

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



51.4721, -13.8980, -34.3306



51.4721, 32.8344, 7.1524



51.4721, -21.2227, 21.3528

Complementary

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



51.4712, -13.8985, -34.3316



39.2275, 50.4694, 25.0533

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.



51.4721, -7.4512, 24.7154



51.4712, -13.8985, -34.3316



51.4721, 24.6942, 18.3990

Square

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



51.4721, -13.8980, -34.3306



51.4721, 30.5366, -9.5701



51.4721, 9.4375, 23.8397



51.4721, -29.2674, 12.7052

Rectangle

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



51.4712, -13.8985, -34.3316



51.4721, 13.4765, -31.6922



51.4721, 9.4375, 23.8397



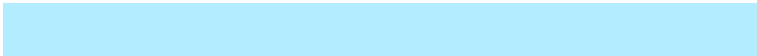
51.4721, -17.1847, 22.9903

Sweetspot

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



51.4721, -13.8980, -34.3306



87.3099, -17.3112, -10.7489



65.8982, -55.2100, 36.8181



39.6406, -8.5602, -6.0111

0.0000, NaN, NaN



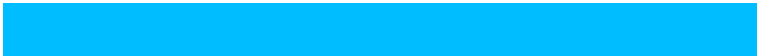
46.2646, -2.4686, 2.5136

Same Dimension

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



51.4721, -13.8980, -34.3306



65.9559, -17.4774, -44.7104



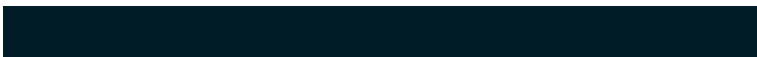
25.9436, 37.7481, -113.9080



34.9491, -3.5134, 0.1487



41.0247, -11.3002, -26.8835



9.9341, -3.4313, -5.0096

Inverse Universe

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



38.8239, 72.2354, -19.5257



49.9226, 92.8305, -24.6124



59.6859, 4.0972, 36.8486



33.6928, 2.2716, -0.1259



30.8253, 57.4024, -15.8407



7.0864, 13.3399, -4.7554

Previews

White Background



This preview shows how the HunterLab color 51.4712, -13.8985, -34.3316 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 51.4712, -13.8985, -34.3316 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 51.4712, -13.8985, -34.3316 Background



This preview shows how black text looks on a background with the HunterLab color 51.4712, -13.8985, -34.3316.



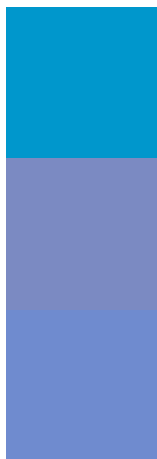
This preview shows how white text looks on a background with the HunterLab color 51.4712, -13.8985, -34.3316.

-13.8985, -34.3316.

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

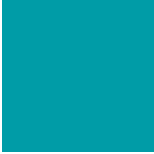
51.4712, -13.8985, -34.3316

Protanopia

51.2669, 4.2717, -27.3611

Deuteranopia

51.3320, 4.2339, -36.4785





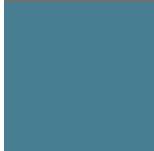
Tritanopia

51.5431, -24.8739, -10.7288

Trichromacy

	Original Color 51.4712, -13.8985, -34.3316
	Protanomaly 50.3407, -5.9838, -32.0090
	Deuteranomaly 50.4388, -4.8849, -37.6448
	Tritanomaly 51.3872, -21.1714, -18.5267

Monochromacy

	Original Color 51.4712, -13.8985, -34.3316
	Achromatopsia 40.2529, -2.1478, 2.1870
	Achromatomaly 42.7851, -11.5835, -10.9607

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4712, -13.8985, -34.3316 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, 151, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 204)  
}
```

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, 151, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4712, -13.8985, -34.3316 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, 151, 204) }
```


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

```
.border{ border-color:rgb(0, 151, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 151, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 151,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.4712, -13.8985, -34.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 151, 204) }
```

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

```
.background{ background-color: rgb(0, 151,  
204) }
```

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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