

Converting Colors

HunterLab(51.7424, -14.2895,
-33.8264)

Have a look what the booklet for
HunterLab(51.7424, -14.2895,
-33.8264) contains.

HunterLab(51.7843, -14.3498, -33.7488)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(51.7843,
-14.3498, -33.7488)**

Conversions

Conversions Part 1

Format	Color
Hex	0098CC
RGB	0, 152, 204
RGB Percent	0%, 60%, 80%
CMY	0.9998, 0.4039, 0.2000
CMYK	1.00, 0.25, 0.00, 0.20
HSL	195°, 100%, 40%
HSV	195°, 100%, 80%
XYZ	22.1273, 26.8161, 61.1366
YIQ	112.4800, -107.2840, -16.0520

Conversions

Conversions Part 2

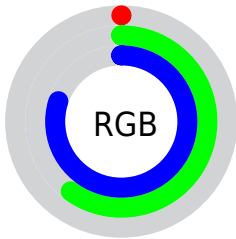
Format	Color
RYB	0, 87, 204
Decimal	39116
CIELab	58.80, -14.84, -36.02
CIELCh	59, 38.963, 247.607
Yxy	26.8170, 0.2010, 0.2436
Android (android.graphics.Color)	4278229196 (0xFF0098CC)
YUV	112.4800, 45.1194, -98.6450
Hunter-Lab	51.7843, -14.3498, -33.7488

Details

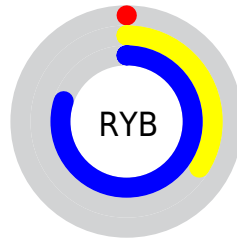
The HunterLab color **51.7843, -14.3498, -33.7488** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **39.1121, 50.8166, 24.9884**, and the grayscale version is **40.3046, -2.1506, 2.1898**.

A 20% lighter version of the original color is **73.5336, -18.5333, -31.2954**, and **33.9255, -5.9192, -29.6260** is the 20% darker color. If you saturate the color by 10%, you get **51.7812, -14.3451, -33.7551**, and if you desaturate by 10%, it is **53.5684, -16.1443, -30.5030**.

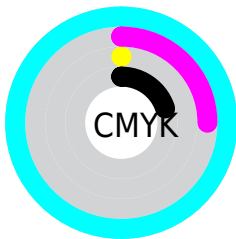
Distribution



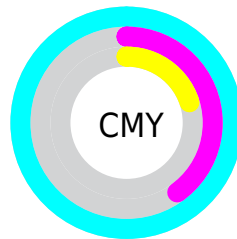
- Red (0%)
- Green (60%)
- Blue (80%)



- Red (0%)
- Yellow (34%)
- Blue (80%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.7843, -14.3498, -33.7488 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 51.7843, -14.3498, -33.7488 by changing the saturation by 10% instead.

■ 51.7843, -14.3498,
-33.7488

■ 51.7843, -14.3498,
-33.7488

169.3429,
-26.6806, -37.8568

■ 41.7563, -12.9341,
-33.1111

■ 73.8851, -17.1155,
-34.9761

■ 32.4742, -11.4810,
-32.5135

■ 85.8783, -18.4819,
-35.5336

■ 24.0047, -9.9692,
-32.0556

■ 98.4582, -19.8437,
-36.0441

■ 16.4349, -8.3622,
-31.9804

■ 111.5986,
-21.2044, -36.5053

■ 9.8881, -7.1208,
-32.9966

■ 125.2766,
-22.5667, -36.9165

0.0000, NaN, -NF

139.4718,

0.0000, NaN, -NF

-23.9325, -37.2782

0.0000, NaN, NaN

154.1661,
-25.3033, -37.5912

0.0000, NaN, NaN

■ 51.7843, -14.3498,
-33.7488

■ 51.7843, -14.3498,
-33.7488

■ 51.7812, -14.3451,
-33.7551

■ 53.5684, -16.1443,
-30.5030

■ 55.5078, -17.3905,
-27.1207

■ 57.6361, -17.9603,
-23.5659

■ 59.9588, -17.8356,
-19.8561

■ 62.4746, -17.0280,
-16.0168

■ 65.1789, -15.5685,
-12.0755

■ 68.0641, -13.5001,
-8.0587

■ 71.1215, -10.8716,
-3.9895

■ 74.3415, -7.7340,
0.1124

Harmonies

Analogous

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



51.7852, -25.6595, -19.2885



51.7843, -14.3498, -33.7488



51.7852, 1.5183, -37.1027

Triad

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



51.7852, -14.3493, -33.7478



51.7852, 32.7361, 6.6715



51.7852, -20.8042, 21.5352

Complementary

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



51.7843, -14.3498, -33.7488



39.1121, 50.8166, 24.9884

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.



51.7852, -6.9152, 24.7552



51.7843, -14.3498, -33.7488



51.7852, 24.9586, 18.1090

Square

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



51.7852, -14.3493, -33.7478



51.7852, 30.0952, -10.1026



51.7852, 9.9346, 23.7361



51.7852, -29.0466, 13.0836

Rectangle

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



51.7843, -14.3498, -33.7488



51.7852, 12.8356, -31.8584



51.7852, 9.9346, 23.7361



51.7852, -16.7144, 23.1213

Sweetspot

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



51.7852, -14.3493, -33.7478



87.4330, -17.4979, -10.5858



65.8983, -55.2101, 36.8182



39.7058, -8.6578, -5.9229

0.0000, NaN, NaN



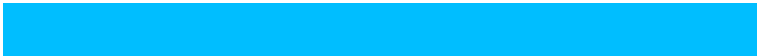
46.2646, -2.4686, 2.5136

Same Dimension

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



51.7852, -14.3493, -33.7478



66.3636, -18.0671, -43.9471



25.9435, 37.7486, -113.9090



34.9627, -3.5354, 0.1650



41.2700, -11.6525, -26.4296



9.9794, -3.4932, -4.9325

Inverse Universe

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



38.8659, 72.3853, -20.1012



49.9771, 93.0248, -25.3598



59.6859, 4.0973, 36.8486



33.6942, 2.2793, -0.1461



30.8584, 57.5200, -16.2930



7.0928, 13.3626, -4.8423

Previews

White Background



This preview shows how the HunterLab color 51.7843, -14.3498, -33.7488 looks on a white background.

Color Contrast Check

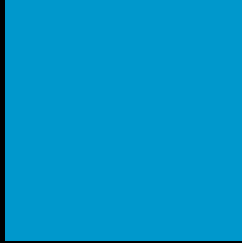
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.7843, -14.3498, -33.7488 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

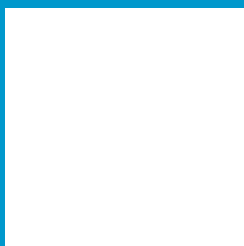
Any Text WCAG AAA × Fail

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

HunterLab 51.7843, -14.3498, -33.7488 Background



This preview shows how black text looks on a background with the HunterLab color 51.7843, -14.3498, -33.7488.



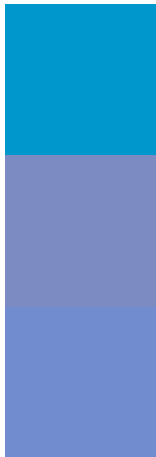
This preview shows how white text looks on a background with the HunterLab color 51.7843, -14.3498, -33.7488.

-14.3498, -33.7488.

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

51.7843, -14.3498, -33.7488

Protanopia

51.6191, 4.0096, -26.7459

Deuteranopia

51.7415, 4.1525, -35.6879



Tritanopia

51.9048, -25.0633, -10.7721

Trichromacy



Original Color

51.7843, -14.3498, -33.7488

Protanomaly

50.6814, -6.3100, -31.3818

Deuteranomaly

50.7745, -5.2334, -36.9903

Tritanomaly

51.7483, -21.3585, -18.5740

Monochromacy



Original Color

51.7843, -14.3498, -33.7488

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

43.0844, -12.0146, -10.5259

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.7843, -14.3498, -33.7488 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, 152, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 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, 152, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 51.7843, -14.3498, -33.7488 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, 152, 204) }
```


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

```
.border{ border-color:rgb(0, 152, 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, 152, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 152,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.7843, -14.3498, -33.7488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 152, 204) }
```

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

```
.background{ background-color: rgb(0, 152,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor