

Converting Colors

HunterLab(78.8435, -51.4471,
12.2279)

Have a look what the booklet for
HunterLab(78.8435, -51.4471,
12.2279) contains.

HunterLab(79.0149, -51.5448, 12.5088)	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(79.0149,
-51.5448, 12.5088)**

Conversions

Conversions Part 1

Format	Color
Hex	00EABB
RGB	0, 234, 187
RGB Percent	0%, 92%, 73%
CMY	0.9998, 0.0823, 0.2667
CMYK	1.00, 0.00, 0.20, 0.08
HSL	168°, 100%, 46%
HSV	168°, 100%, 92%
XYZ	38.3925, 62.4335, 57.0411
YIQ	158.6760, -124.3770, -64.2250

Conversions

Conversions Part 2

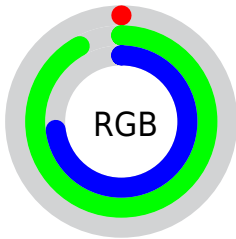
Format	Color
RYB	0, 130, 234
Decimal	60091
CIELab	83.14, -57.74, 9.71
CIELCh	83, 58.547, 170.453
Yxy	62.4360, 0.2432, 0.3955
Android (android.graphics.Color)	4278250171 (0xFF00EABB)
YUV	158.6760, 13.9637, -139.1589
Hunter-Lab	79.0149, -51.5448, 12.5088

Details

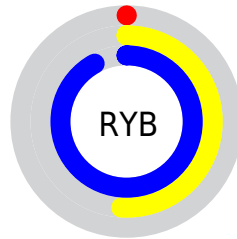
The HunterLab color **79.0149, -51.5448, 12.5088** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **42.0708, 72.5308, 23.3972**, and the grayscale version is **58.7365, -3.1340, 3.1913**.

A 20% lighter version of the original color is **90.2056, -42.1128, -0.8860**, and **57.5895, -38.7130, 11.5884** is the 20% darker color. If you saturate the color by 10%, you get **79.0160, -51.5473, 12.5126**, and if you desaturate by 10%, it is **79.2640, -50.2795, 10.7883**.

Distribution



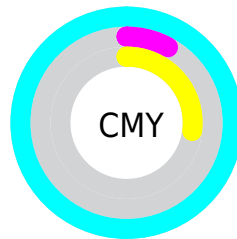
- Red (0%)
- Green (92%)
- Blue (73%)



- Red (0%)
- Yellow (51%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (8%)





- Cyan (100%)
- Magenta (8%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 79.0149, -51.5448, 12.5088 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 79.0149, -51.5448, 12.5088 by changing the saturation by 10% instead.


 79.0149, -51.5448,
12.5088


 79.0149, -51.5448,
12.5088


208.2113,
-80.9802, 22.9864


 67.3684, -47.7665,
11.4002


 104.0939,
-58.6782, 14.7523


 56.3568, -43.8038,
10.2949


 117.4703,
-62.0779, 15.8892


 46.0205, -39.6113,
9.1894


 131.3751,
-65.3886, 17.0382

 36.4072, -35.1243,
8.0769

 145.7890,
-68.6231, 18.2001

 27.5758, -30.2482,
6.9467

 160.6946,
-71.7916, 19.3755

 19.6030, -24.8383,
5.7811

176.0762,

 12.5937, -22.0390,

-74.9027, 20.5648

4.5521

191.9195,
-77.9635, 21.7684

■ 5.9003, -10.3256,
4.1302

0.0000, NaN, NaN

■ 79.0149, -51.5448,
12.5088

■ 79.0149, -51.5448,
12.5088

■ 79.0160, -51.5473,
12.5126

■ 79.2640, -50.2795,
10.7883

■ 79.6569, -48.4236,
9.1852

■ 80.2377, -45.8195,
7.7601

■ 81.0280, -42.4014,
6.5500

■ 82.0433, -38.1384,
5.5844

■ 83.2939, -33.0282,
4.8846

■ 84.7857, -27.0931,
4.4652

■ 86.5207, -20.3751,
4.3333

■ 88.4978, -12.9304,
4.4897

Harmonies

Analogous

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



79.0164, -42.3766, 30.9246



79.0149, -51.5448, 12.5088



79.0164, -49.5019, -16.2939

Triad

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



79.0164, -51.5453, 12.5096



79.0164, 15.9697, -62.2536



79.0164, 34.0103, 34.9829

Complementary

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



79.0149, -51.5448, 12.5088



42.0708, 72.5308, 23.3972

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.



79.0164, 54.3147, 20.5119



79.0149, -51.5448, 12.5088



79.0164, 42.9126, -36.8776

Square

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



79.0164, -51.5453, 12.5096



79.0164, -13.1525, -66.8099



79.0164, 57.7863, -4.8951



79.0164, 5.1271, 40.4963

Rectangle

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



79.0149, -51.5448, 12.5088



79.0164, -41.9278, -37.8232



79.0164, 57.7863, -4.8951



79.0164, 42.2286, 31.3109

Sweetspot

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



79.0164, -51.5453, 12.5096



93.4418, -29.9782, 4.9274



77.1652, -63.8478, 46.4302



42.8939, -15.1990, 2.3535

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.0164, -51.5453, 12.5096



87.1026, -56.8669, 13.8885



58.1729, -13.4245, -43.7288



41.3122, -5.8413, 2.1007



59.2474, -38.5461, 9.1558



16.6419, -10.5615, 1.9983

Inverse Universe

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



42.0708, 72.5308, 23.3972



46.3692, 79.9285, 25.9333



46.2907, 57.4268, 29.5280



38.8633, 1.7537, 2.3650



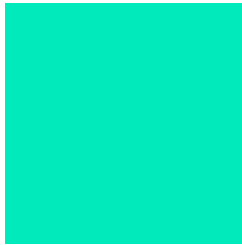
31.5586, 54.4559, 17.2077



8.9190, 15.5387, 3.7117

Previews

White Background



This preview shows how the HunterLab color 79.0149, -51.5448, 12.5088 looks on a white background.

Color Contrast Check

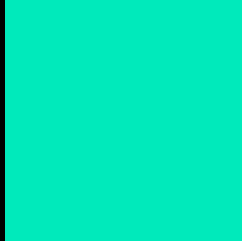
Large Text (above 18pt) WCAG AA × Fail

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 79.0149, -51.5448, 12.5088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

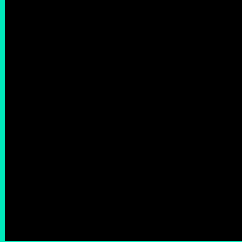
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

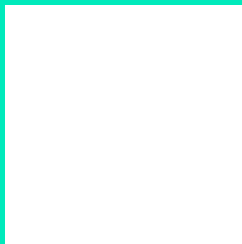
Any Text WCAG AAA ✓ Pass

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

HunterLab 79.0149, -51.5448, 12.5088 Background



This preview shows how black text looks on a background with the HunterLab color 79.0149, -51.5448, 12.5088.



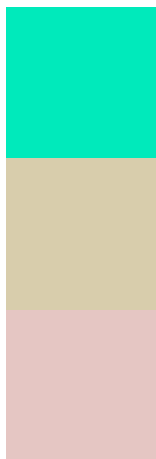
This preview shows how white text looks on a background with the HunterLab color 79.0149, -51.5448, 12.5088.

-51.5448, 12.5088.

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

79.0149, -51.5448, 12.5088

Protanopia

78.2561, -5.5718, 18.5530

Deuteranopia

78.0937, 5.8674, 9.0256



Tritanopia

78.9461, -33.5233, -16.8183

Trichromacy



Original Color

79.0149, -51.5448, 12.5088



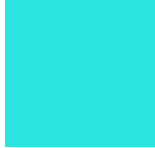
Protanomaly

75.8976, -32.1421, 13.7117



Deuteranomaly

75.1700, -25.4906, 6.5391



Tritanomaly

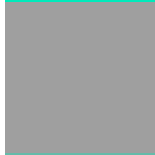
78.7263, -41.2817, -5.3224

Monochromacy



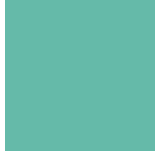
Original Color

79.0149, -51.5448, 12.5088



Achromatopsia

58.8816, -3.1418, 3.1991



Achromatomaly

63.8350, -27.5794, 3.9884

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.0149, -51.5448, 12.5088 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, 234, 187)` looks like.

```
.text, #text, p{  
    color:rgb(0, 234, 187)  
}
```

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, 234, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 234, 187) }
```

Border

The CSS property to change the border of an element to HunterLab 79.0149, -51.5448, 12.5088 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, 234, 187) }
```


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

```
.border{ border-color:rgb(0, 234, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 234, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 234, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 234, 187);  
box-shadow:4px 4px 4px 4px rgb(0, 234,  
187) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.0149, -51.5448, 12.5088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 234, 187) }
```

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

```
.background{ background-color: rgb(0, 234,  
187) }
```

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