

Converting Colors

HunterLab(64.7149, -42.2517,
10.3214)

Have a look what the booklet for
HunterLab(64.7149, -42.2517,
10.3214) contains.

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Color

**HunterLab(64.7149,
-42.2517, 10.3214)**

Conversions

Conversions Part 1

Format	Color
Hex	00C49C
RGB	0, 196, 156
RGB Percent	0%, 77%, 61%
CMY	0.9999, 0.2314, 0.3882
CMYK	1.00, 0.00, 0.20, 0.23
HSL	168°, 100%, 38%
HSV	168°, 100%, 77%
XYZ	25.7407, 41.8802, 38.1795
YIQ	132.8360, -103.9760, -53.9920

Conversions

Conversions Part 2

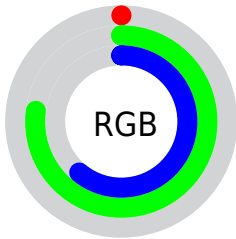
Format	Color
RYB	0, 109, 196
Decimal	50332
CIELab	70.79, -50.59, 8.60
CIELCh	71, 51.321, 170.350
Yxy	41.8818, 0.2433, 0.3958
Android (android.graphics.Color)	4278240412 (0xFF00C49C)
YUV	132.8360, 11.4199, -116.4972
Hunter-Lab	64.7149, -42.2517, 10.3214

Details

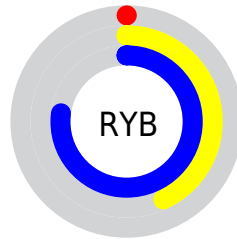
The HunterLab color **64.7149, -42.2517, 10.3214** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **34.4821, 59.4921, 18.8331**, and the grayscale version is **48.3554, -2.5801, 2.6272**.

A 20% lighter version of the original color is **88.4568, -49.2006, 12.7771**, and **44.7992, -30.2877, 9.3873** is the 20% darker color. If you saturate the color by 10%, you get **64.7159, -42.2535, 10.3240**, and if you desaturate by 10%, it is **64.9340, -41.1532, 8.9236**.

Distribution



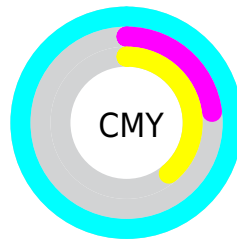
- Red (0%)
- Green (77%)
- Blue (61%)



- Red (0%)
- Yellow (43%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.7149, -42.2517, 10.3214 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 64.7149, -42.2517, 10.3214 by changing the saturation by 10% instead.

■ 64.7149, -42.2517,
10.3214

■ 64.7149, -42.2517,
10.3214

188.1469,
-69.5028, 20.2380

■ 53.8598, -38.7016,
9.2787

■ 88.3293, -48.9012,
12.4333

■ 43.6892, -34.9480,
8.2388

■ 101.0225,
-52.0539, 13.5057

■ 34.2542, -30.9304,
7.1962

■ 114.2713,
-55.1174, 14.5912

■ 25.6173, -26.5584,
6.1410

■ 128.0535,
-58.1057, 15.6906

■ 17.8606, -21.6885,
5.0561

■ 142.3491,
-61.0301, 16.8046

■ 11.0983, -19.4220,
4.0340

157.1404,

■ 2.9561, -5.1732,

-63.8996, 17.9337

2.0693

172.4112,
-66.7218, 19.0781

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.7149, -42.2517,
10.3214

■ 64.7149, -42.2517,
10.3214

■ 64.7159, -42.2535,
10.3240

■ 64.9340, -41.1532,
8.9236

■ 65.2668, -39.5885,
7.6170

■ 65.7519, -37.4176,
6.4542

■ 66.4062, -34.5909,
5.4644

■ 67.2416, -31.0856,

4.6703

■ 68.2660, -26.9015,
4.0890

■ 69.4838, -22.0572,
3.7318

■ 70.8967, -16.5867,
3.6044

■ 72.5036, -10.5350,
3.7075

Harmonies

Analogous

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



64.7162, -34.7040, 25.3872



64.7149, -42.2517, 10.3214



64.7162, -40.6086, -13.2799

Triad

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



64.7162, -42.2521, 10.3221



64.7162, 13.0196, -51.1301



64.7162, 27.9757, 28.6496

Complementary

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



64.7149, -42.2517, 10.3214



34.4821, 59.4921, 18.8331

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.



64.7162, 44.5947, 16.7594



64.7149, -42.2517, 10.3214



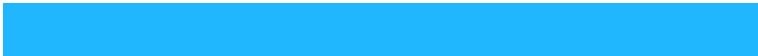
64.7162, 35.1412, -30.3475

Square

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



64.7162, -42.2521, 10.3221



64.7162, -10.8585, -54.7993



64.7162, 47.3892, -4.1052



64.7162, 4.2938, 33.1870

Rectangle

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



64.7149, -42.2517, 10.3214



64.7162, -34.4197, -30.9470



64.7162, 47.3892, -4.1052



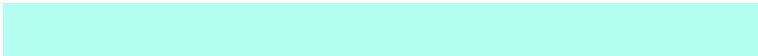
64.7162, 34.7077, 25.6317

Sweetspot

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



64.7162, -42.2521, 10.3221



93.4339, -30.0231, 5.0389



63.2329, -52.1790, 38.0496



42.8897, -15.2227, 2.4120

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.7162, -42.2521, 10.3221



87.0801, -57.0038, 14.2123



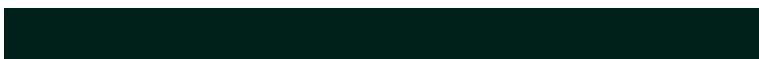
47.8347, -11.2715, -35.4552



33.7522, -4.7127, 1.7299



51.8868, -33.7953, 8.1004



10.8276, -6.7687, 1.0781

Inverse Universe

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



34.4821, 59.4921, 18.8331



46.3771, 79.9578, 25.8164



38.1071, 46.4752, 24.2938



31.7974, 1.3635, 1.9172



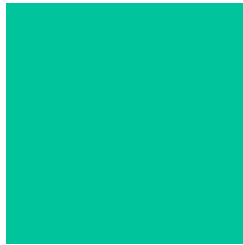
27.6575, 47.7572, 14.8268



5.8365, 10.2492, 1.8020

Previews

White Background



This preview shows how the HunterLab color 64.7149, -42.2517, 10.3214 looks on a white background.

Color Contrast Check

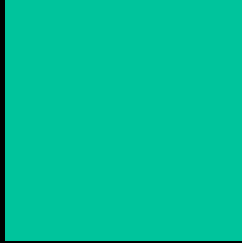
Large Text (above 18pt) WCAG AA × Fail

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 64.7149, -42.2517, 10.3214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

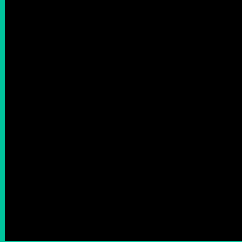
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

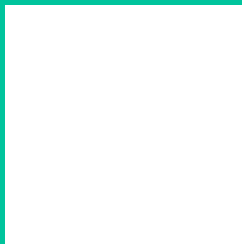
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.7149, -42.2517, 10.3214 Background



This preview shows how black text looks on a background with the HunterLab color 64.7149, -42.2517, 10.3214.



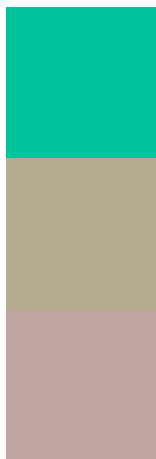
This preview shows how white text looks on a background with the HunterLab color 64.7149, -42.2517, 10.3214.

-42.2517, 10.3214.

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

64.7149, -42.2517, 10.3214

Protanopia

64.0025, -4.2029, 14.9217

Deuteranopia

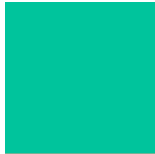
64.1274, 4.6440, 7.5598



Tritanopia

64.6009, -27.3378, -13.6811

Trichromacy



Original Color

64.7149, -42.2517, 10.3214



Protanomaly

61.9883, -25.7297, 10.9490



Deuteranomaly

61.7413, -21.0446, 5.7390



Tritanomaly

64.5749, -33.8977, -3.9687

Monochromacy



Original Color

64.7149, -42.2517, 10.3214



Achromatopsia

48.4304, -2.5841, 2.6313



Achromatomaly

52.5655, -22.5717, 3.5725

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.7149, -42.2517, 10.3214 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, 196, 156)` looks like.

```
.text, #text, p{  
    color:rgb(0, 196, 156)  
}
```

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, 196, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 196, 156) }
```

Border

The CSS property to change the border of an element to HunterLab 64.7149, -42.2517, 10.3214 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, 196, 156) }
```


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

```
.border{ border-color:rgb(0, 196, 156) }
```

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

Here you see how a box with a 4 pixel rgb(0, 196, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 196, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 196, 156);  
box-shadow:4px 4px 4px 4px rgb(0, 196,  
156) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.7149, -42.2517, 10.3214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 196, 156) }
```

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

```
.background{ background-color: rgb(0, 196,  
156) }
```

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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