

Converting Colors

HunterLab(63.3952, -29.8108,
-14.8855)

Have a look what the booklet for
HunterLab(63.3952, -29.8108,
-14.8855) contains.

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Color

**HunterLab(63.5028,
-29.9447, -14.7310)**

Conversions

Conversions Part 1

Format	Color
Hex	00BCCC
RGB	0, 188, 204
RGB Percent	0%, 74%, 80%
CMY	0.9998, 0.2627, 0.2000
CMYK	1.00, 0.08, 0.00, 0.20
HSL	185°, 100%, 40%
HSV	185°, 100%, 80%
XYZ	28.8823, 40.3261, 63.3882
YIQ	133.6120, -117.1840, -34.8800

Conversions

Conversions Part 2

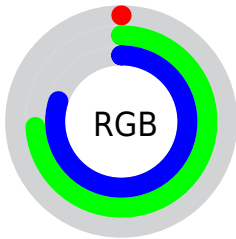
Format	Color
RYB	0, 98, 204
Decimal	48332
CIELab	69.70, -33.25, -19.24
CIELCh	70, 38.414, 210.052
Yxy	40.3275, 0.2178, 0.3041
Android (android.graphics.Color)	4278238412 (0xFF00BCCC)
YUV	133.6120, 34.7013, -117.1777
Hunter-Lab	63.5028, -29.9447, -14.7310

Details

The HunterLab color **63.5028, -29.9447, -14.7310** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **36.3449, 59.6123, 23.4370**, and the grayscale version is **48.5788, -2.5920, 2.6394**.

A 20% lighter version of the original color is **86.8722, -36.1157, -11.6714**, and **43.8773, -19.7086, -12.2977** is the 20% darker color. If you saturate the color by 10%, you get **63.5025, -29.9440, -14.7321**, and if you desaturate by 10%, it is **64.1624, -30.1474, -13.7804**.

Distribution



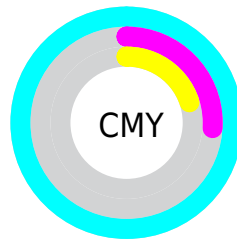
- Red (0%)
- Green (74%)
- Blue (80%)



- Red (0%)
- Yellow (38%)
- Blue (80%)



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



- Cyan (100%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.5028, -29.9447, -14.7310 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 63.5028, -29.9447, -14.7310 by changing the saturation by 10% instead.

63.5028, -29.9447,
-14.7310

63.5028, -29.9447,
-14.7310

186.4141,
-49.8106, -14.2658

52.7200, -27.4671,
-14.5058

86.9839, -34.6550,
-14.9904

42.6268, -24.8760,
-14.2147

99.6151, -36.9204,
-15.0337

33.2752, -22.1336,
-13.8556

112.8047,
-39.1410, -15.0235

24.7297, -19.1818,
-13.4333

126.5299,
-41.3252, -14.9628

17.0748, -15.9245,
-12.9712

140.7706,
-43.4793, -14.8543

10.4296, -14.6714,
-12.5581

155.5088,

0.0000, NaN, -NF

-45.6089, -14.7006

0.0000, NaN, -NF

170.7282,
-47.7181, -14.5037

0.0000, NaN, NaN

■ 63.5028, -29.9447,
-14.7310

■ 63.5028, -29.9447,
-14.7310

■ 63.5025, -29.9440,
-14.7321

■ 64.1624, -30.1474,
-13.7804

■ 64.9447, -29.8720,
-12.6577

■ 65.8882, -28.9769,
-11.3138

■ 67.0083, -27.4131,
-9.7370

■ 68.3145, -25.1595,
-7.9262

■ 69.8120, -22.2175,
-5.8883

■ 71.5028, -18.6063,
-3.6361

■ 73.3855, -14.3591,
-1.1863

■ 75.4570, -9.5186,
1.4419

Harmonies

Analogous

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



63.5040, -33.6289, 3.4277



63.5028, -29.9447, -14.7310



63.5040, -19.3150, -30.9567

Triad

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



63.5040, -29.9446, -14.7300



63.5040, 28.4344, -14.6660



63.5040, -3.4222, 27.8382

Complementary

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



63.5028, -29.9447, -14.7310



36.3449, 59.6123, 23.4370

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.



63.5040, 14.2735, 25.3888



63.5028, -29.9447, -14.7310



63.5040, 33.8356, 3.4856

Square

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



63.5040, -29.9446, -14.7300



63.5040, 14.3318, -30.9132



63.5040, 28.3982, 17.4743



63.5040, -19.3624, 25.3715

Rectangle

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



63.5028, -29.9447, -14.7310



63.5040, -9.0947, -36.7882



63.5040, 28.3982, 17.4743



63.5040, 2.5197, 27.5735

Sweetspot

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



63.5040, -29.9446, -14.7300



91.9212, -24.1528, -4.8042



65.7399, -56.2038, 39.1613



42.0850, -12.1334, -2.8083

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.5040, -29.9446, -14.7300



81.6304, -38.4223, -19.0881



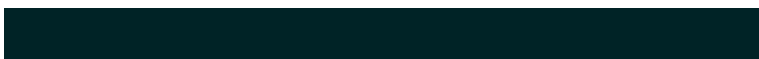
33.7781, 17.1149, -79.1610



35.4550, -4.3248, 0.7505



50.4422, -23.8337, -11.5982



11.6549, -5.6580, -2.3537

Inverse Universe

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



40.5826, 78.4395, -43.1307



52.2092, 100.8979, -55.3172



50.2405, 22.5893, 31.3519



33.7461, 2.5571, -0.8828



32.2050, 62.2674, -34.3477



7.3463, 14.2527, -8.2145

Previews

White Background



This preview shows how the HunterLab color 63.5028, -29.9447, -14.7310 looks on a white background.

Color Contrast Check

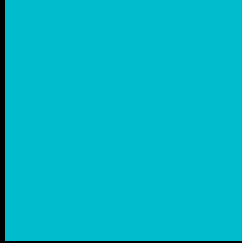
Large Text (above 18pt) WCAG AA × Fail

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 63.5028, -29.9447, -14.7310 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

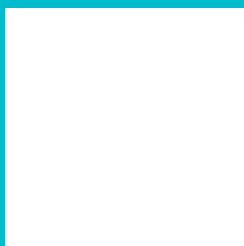
Any Text WCAG AAA ✓ Pass

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

HunterLab 63.5028, -29.9447, -14.7310 Background



This preview shows how black text looks on a background with the HunterLab color 63.5028, -29.9447, -14.7310.



This preview shows how white text looks on a background with the HunterLab color 63.5028, -29.9447, -14.7310.

-29.9447, -14.7310.

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

63.5028, -29.9447, -14.7310

Protanopia

63.1457, 0.1144, -7.3684

Deuteranopia

63.1468, 4.4339, -17.6489



Tritanopia

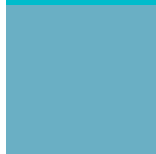
63.4651, -30.1669, -14.2042

Trichromacy



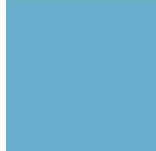
Original Color

63.5028, -29.9447, -14.7310



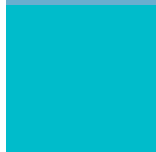
Protanomaly

61.4082, -16.6634, -12.8754



Deuteranomaly

61.4657, -13.9840, -19.3118



Tritanomaly

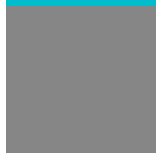
63.4651, -30.1669, -14.2042

Monochromacy



Original Color

63.5028, -29.9447, -14.7310



Achromatopsia

48.8260, -2.6052, 2.6528



Achromatomaly

52.4840, -18.5209, -5.0383

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.5028, -29.9447, -14.7310 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, 188, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 188, 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, 188, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 188, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 63.5028, -29.9447, -14.7310 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, 188, 204) }
```


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

```
.border{ border-color:rgb(0, 188, 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, 188, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 188, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 188, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 188,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.5028, -29.9447, -14.7310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 188, 204) }
```

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

```
.background{ background-color: rgb(0, 188,  
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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