

Converting Colors

HunterLab(64.6300, -31.5146,
-14.7405)

Have a look what the booklet for
HunterLab(64.6300, -31.5146,
-14.7405) contains.

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Color

**HunterLab(64.9648,
-30.9511, -14.3858)**

Conversions

Conversions Part 1

Format	Color
Hex	00C0CF
RGB	0, 192, 207
RGB Percent	0%, 75%, 81%
CMY	0.9998, 0.2470, 0.1882
CMYK	1.00, 0.07, 0.00, 0.19
HSL	184°, 100%, 41%
HSV	184°, 100%, 81%
XYZ	30.1121, 42.2043, 65.5906
YIQ	136.3020, -119.2470, -36.0390

Conversions

Conversions Part 2

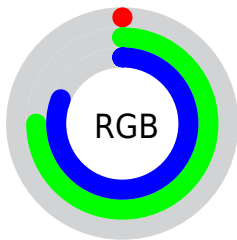
Format	Color
RYB	0, 100, 207
Decimal	49359
CIELab	71.01, -34.19, -18.89
CIELCh	71, 39.064, 208.918
Yxy	42.2058, 0.2184, 0.3060
Android (android.graphics.Color)	4278239439 (0xFF00C0CF)
YUV	136.3020, 34.8541, -119.5369
Hunter-Lab	64.9648, -30.9511, -14.3858

Details

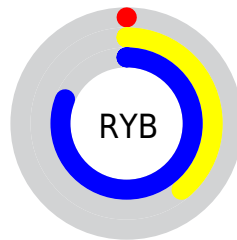
The HunterLab color **64.9648, -30.9511, -14.3858** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **36.8899, 60.7860, 23.7933**, and the grayscale version is **49.6449, -2.6489, 2.6973**.

A 20% lighter version of the original color is **88.3032, -37.7895, -9.7726**, and **45.2514, -20.6585, -11.9646** is the 20% darker color. If you saturate the color by 10%, you get **64.9646, -30.9505, -14.3868**, and if you desaturate by 10%, it is **65.5930, -31.1126, -13.4863**.

Distribution



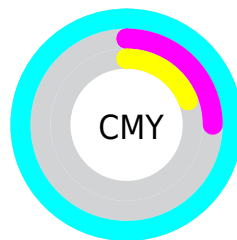
- Red (0%)
- Green (75%)
- Blue (81%)



- Red (0%)
- Yellow (39%)
- Blue (81%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.9648, -30.9511, -14.3858 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 64.9648, -30.9511, -14.3858 by changing the saturation by 10% instead.

64.9648, -30.9511,
-14.3858

64.9648, -30.9511,
-14.3858

188.5034,
-51.1672, -13.7630

54.0948, -28.4290,
-14.1808

88.6064, -35.7470,
-14.6063

43.9084, -25.7925,
-13.9100

101.3122,
-38.0534, -14.6309

34.4563, -23.0044,
-13.5706

114.5732,
-40.3138, -14.6027

25.8008, -20.0081,
-13.1653

128.3671,
-42.5367, -14.5246

18.0234, -16.7111,
-12.7119

142.6740,
-44.7286, -14.3993

11.2373, -14.5177,
-12.2797

157.4761,

3.3481, -5.8592,

-46.8948, -14.2292

-24.6827

172.7574,
-49.0398, -14.0164

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.9648, -30.9511,
-14.3858

■ 64.9648, -30.9511,
-14.3858

■ 64.9646, -30.9505,
-14.3868

■ 65.5930, -31.1126,
-13.4863

■ 66.3455, -30.7880,
-12.4116

■ 67.2616, -29.8342,
-11.1120

■ 68.3571, -28.2000,
-9.5744

■ 69.6421, -25.8628,

-7.7970

■ 71.1223, -22.8228,
-5.7857

■ 72.7998, -19.0988,
-3.5528

■ 74.6739, -14.7240,
-1.1148

■ 76.7413, -9.7416,
1.5090

Harmonies

Analogous

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



64.9660, -34.4427, 4.1517



64.9648, -30.9511, -14.3858



64.9660, -20.3111, -31.2447

Triad

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



64.9660, -30.9510, -14.3848



64.9660, 28.7353, -15.7530



64.9660, -2.8185, 28.5048

Complementary

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



64.9648, -30.9511, -14.3858



36.8899, 60.7860, 23.7933

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.



64.9660, 15.2834, 25.8027



64.9648, -30.9511, -14.3858



64.9660, 34.6747, 2.9148

Square

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



64.9660, -30.9510, -14.3848



64.9660, 14.0371, -32.1734



64.9660, 29.5079, 17.4677



64.9660, -19.2993, 26.1738

Rectangle

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



64.9648, -30.9511, -14.3858



64.9660, -9.9579, -37.5305



64.9660, 29.5079, 17.4677



64.9660, 3.2832, 28.1716

Sweetspot

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



64.9660, -30.9510, -14.3848



92.0748, -24.3757, -4.6117



66.8265, -57.1354, 39.8142



42.1665, -12.2496, -2.7049

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.9660, -30.9510, -14.3848



82.1647, -39.0858, -18.3236



34.3101, 17.4570, -80.5642



36.4064, -4.4734, 0.7871



51.6234, -24.6386, -11.3372



12.3892, -6.0506, -2.4238

Inverse Universe

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



41.3189, 79.9641, -44.7009



52.2937, 101.1931, -56.4283



51.0522, 23.0040, 31.8593



34.6319, 2.6482, -0.9407



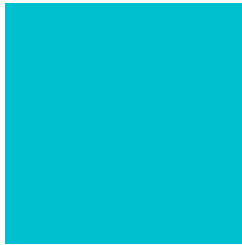
32.8048, 63.5066, -35.6023



7.7862, 15.1183, -8.8001

Previews

White Background



This preview shows how the HunterLab color 64.9648, -30.9511, -14.3858 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 64.9648, -30.9511, -14.3858 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

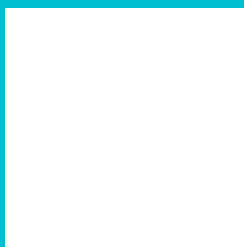
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.9648, -30.9511, -14.3858 Background



This preview shows how black text looks on a background with the HunterLab color 64.9648, -30.9511, -14.3858.



This preview shows how white text looks on a background with the HunterLab color 64.9648, -30.9511, -14.3858.

-30.9511, -14.3858.

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

64.9648, -30.9511, -14.3858

Protanopia

64.3515, -0.1342, -6.8331

Deuteranopia

64.4705, 4.6636, -17.4743



Tritanopia

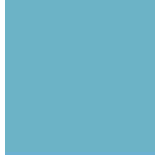
65.0423, -30.5737, -14.8535

Trichromacy



Original Color

64.9648, -30.9511, -14.3858



Protanomaly

62.8534, -17.7026, -11.9770



Deuteranomaly

62.6782, -14.1708, -19.3028



Tritanomaly

65.0274, -30.6317, -14.8761

Monochromacy



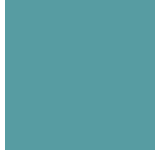
Original Color

64.9648, -30.9511, -14.3858



Achromatopsia

49.6187, -2.6475, 2.6959



Achromatomaly

53.3027, -18.4659, -5.5004

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.9648, -30.9511, -14.3858 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, 192, 207)` looks like.

```
.text, #text, p{  
    color:rgb(0, 192, 207)  
}
```

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, 192, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 192, 207) }
```

Border

The CSS property to change the border of an element to HunterLab 64.9648, -30.9511, -14.3858 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, 192, 207) }
```


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

```
.border{ border-color:rgb(0, 192, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 192, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 192, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 192, 207);  
box-shadow:4px 4px 4px 4px rgb(0, 192,  
207) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.9648, -30.9511, -14.3858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 192, 207) }
```

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

```
.background{ background-color: rgb(0, 192,  
207) }
```

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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