

Converting Colors

HunterLab(59.9806, -41.3621,
-38.6486)

Have a look what the booklet for
HunterLab(59.9806, -41.3621,
-38.6486) contains.

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Color

**HunterLab(64.6034,
-23.5149, -29.9868)**

Conversions

Conversions Part 1

Format	Color
Hex	00BCE7
RGB	0, 188, 231
RGB Percent	0%, 74%, 91%
CMY	0.9998, 0.2627, 0.0941
CMYK	1.00, 0.19, 0.00, 0.09
HSL	191°, 100%, 45%
HSV	191°, 100%, 91%
XYZ	32.4070, 41.7360, 81.9492
YIQ	136.6900, -125.8510, -26.4830

Conversions

Conversions Part 2

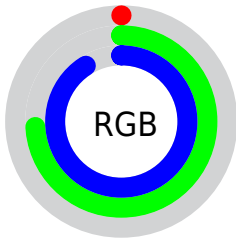
Format	Color
RYB	0, 104, 231
Decimal	48359
CIELab	70.69, -24.35, -32.46
CIELCh	71, 40.580, 233.122
Yxy	41.7374, 0.2076, 0.2674
Android (android.graphics.Color)	4278238439 (0xFF00BCE7)
YUV	136.6900, 46.4948, -119.8771
Hunter-Lab	64.6034, -23.5149, -29.9868

Details

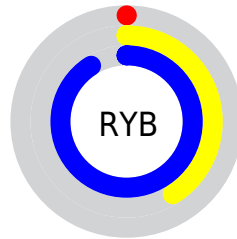
The HunterLab color **64.6034, -23.5149, -29.9868** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **43.2681, 63.8105, 27.7764**, and the grayscale version is **49.7574, -2.6549, 2.7034**.

A 20% lighter version of the original color is **86.7021, -34.9811, -11.8831**, and **45.1919, -14.3015, -25.6131** is the 20% darker color. If you saturate the color by 10%, you get **64.6006, -23.5107, -29.9923**, and if you desaturate by 10%, it is **66.1712, -24.8995, -27.4018**.

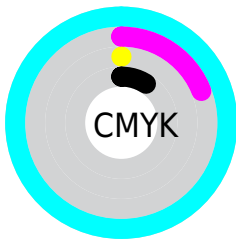
Distribution



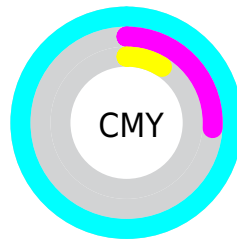
- Red (0%)
- Green (74%)
- Blue (91%)



- Red (0%)
- Yellow (41%)
- Blue (91%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (26%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.6034, -23.5149, -29.9868 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 64.6034, -23.5149, -29.9868 by changing the saturation by 10% instead.

64.6034, -23.5149,
-29.9868

64.6034, -23.5149,
-29.9868

187.9876,
-39.6676, -32.8422

53.7548, -21.5790,
-29.4202

88.2055, -27.2485,
-30.9769

43.5913, -19.5771,
-28.8226

100.8929,
-29.0678, -31.3950

34.1639, -17.4848,
-28.2204

114.1364,
-30.8648, -31.7606

25.5354, -15.2648,
-27.6746

127.9133,
-32.6449, -32.0746

17.7880, -12.8551,
-27.3329

142.2040,
-34.4122, -32.3381

11.0363, -10.7366,
-27.6138

156.9903,

2.7629, -4.8350,

-36.1700, -32.5528

-65.1327

172.2564,
-37.9211, -32.7202

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.6034, -23.5149,
-29.9868

■ 64.6034, -23.5149,
-29.9868

■ 64.6006, -23.5107,
-29.9923

■ 66.1712, -24.8995,
-27.4018

■ 67.9040, -25.6733,
-24.6190

■ 69.8407, -25.6920,
-21.5955

■ 71.9931, -24.9165,
-18.3367

■ 74.3659, -23.3434,

-14.8605

■ 76.9581, -20.9942,
-11.1917

■ 79.7655, -17.9080,
-7.3577

■ 82.7812, -14.1352,
-3.3863

■ 85.9966, -9.7319,
0.6967

Harmonies

Analogous

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



64.6045, -33.1215, -11.2962



64.6034, -23.5149, -29.9868



64.6045, -7.6716, -40.1169

Triad

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



64.6045, -23.5145, -29.9857



64.6045, 35.9629, -0.6851



64.6045, -16.8843, 27.6066

Complementary

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



64.6034, -23.5149, -29.9868



43.2681, 63.8105, 27.7764

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.



64.6045, 0.8817, 28.9685



64.6034, -23.5149, -29.9868



64.6045, 32.7806, 15.4848

Square

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



64.6045, -23.5145, -29.9857



64.6045, 27.6682, -20.3713



64.6045, 19.4066, 25.2158



64.6045, -29.6063, 20.7615

Rectangle

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



64.6034, -23.5149, -29.9868



64.6045, 4.8582, -39.0854



64.6045, 19.4066, 25.2158



64.6045, -11.3596, 28.6233

Sweetspot

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



64.6045, -23.5145, -29.9857



89.1688, -20.1052, -8.3130



75.7119, -64.1199, 43.7860



40.6251, -10.0207, -4.6960

0.0000, NaN, NaN



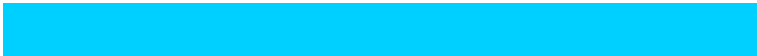
46.2646, -2.4686, 2.5136

Same Dimension

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



64.6045, -23.5145, -29.9857



72.1796, -26.1839, -33.6947



32.4965, 35.5210, -117.2908



39.8197, -4.3834, 0.4217



48.5453, -17.8414, -22.1630



13.6382, -5.4381, -5.3072

Inverse Universe

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



45.4108, 85.7555, -32.6369



50.7844, 95.8907, -36.3376



64.3417, 12.6882, 39.8676



38.1664, 2.7725, -0.5260



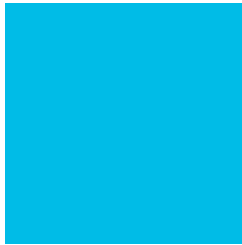
34.0246, 64.3005, -24.7754



9.3137, 17.7069, -7.6012

Previews

White Background



This preview shows how the HunterLab color 64.6034, -23.5149, -29.9868 looks on a white background.

Color Contrast Check

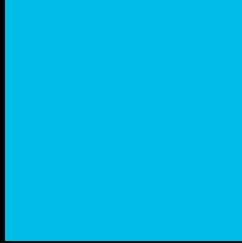
Large Text (above 18pt) WCAG AA × Fail

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 64.6034, -23.5149, -29.9868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

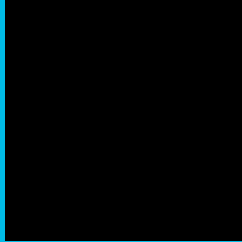
Any Text WCAG AA ✓ Pass

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 64.6034, -23.5149, -29.9868 Background



This preview shows how black text looks on a background with the HunterLab color 64.6034, -23.5149, -29.9868.



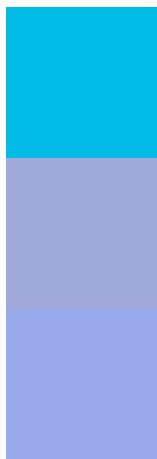
This preview shows how white text looks on a background with the HunterLab color 64.6034, -23.5149, -29.9868.

-23.5149, -29.9868.

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

64.6034, -23.5149, -29.9868

Protanopia

64.2534, 2.9207, -21.5621

Deuteranopia

64.3607, 4.7376, -32.6632



Tritanopia

64.5893, -30.7548, -14.3404

Trichromacy



Original Color

64.6034, -23.5149, -29.9868



Protanomaly

62.9260, -12.1961, -27.2170



Deuteranomaly

63.1872, -10.2831, -34.2853



Tritanomaly

64.6012, -28.2823, -19.6925

Monochromacy



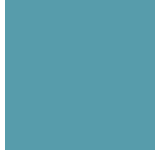
Original Color

64.6034, -23.5149, -29.9868



Achromatopsia

50.0158, -2.6687, 2.7175



Achromatomaly

53.6129, -16.6811, -9.8638

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.6034, -23.5149, -29.9868 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(0, 188, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 188, 231) }
```

Border

The CSS property to change the border of an element to HunterLab 64.6034, -23.5149, -29.9868 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, 231) }
```


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

```
.border{ border-color:rgb(0, 188, 231) }
```

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, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 188, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 188, 231);  
box-shadow:4px 4px 4px 4px rgb(0, 188,  
231) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.6034, -23.5149, -29.9868 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, 231) }
```

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

```
.background{ background-color: rgb(0, 188,  
231) }
```

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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