

Converting Colors

HunterLab(63.6152, -28.8593,
-34.0859)

Have a look what the booklet for
HunterLab(63.6152, -28.8593,
-34.0859) contains.

HunterLab(65.0659, -23.1999, -31.2447)	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(65.0659,
-23.1999, -31.2447)**

Conversions

Conversions Part 1

Format	Color
Hex	00BDEA
RGB	0, 189, 234
RGB Percent	0%, 74%, 92%
CMY	0.9997, 0.2588, 0.0823
CMYK	1.00, 0.19, 0.00, 0.08
HSL	192°, 100%, 46%
HSV	192°, 100%, 92%
XYZ	33.0489, 42.3357, 84.2716
YIQ	137.6190, -127.0890, -26.0730

Conversions

Conversions Part 2

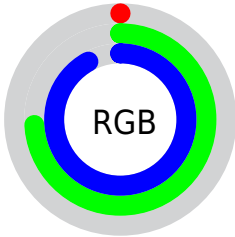
Format	Color
RYB	0, 105, 234
Decimal	48618
CIELab	71.10, -23.84, -33.45
CIELCh	71, 41.078, 234.520
Yxy	42.3372, 0.2070, 0.2652
Android (android.graphics.Color)	4278238698 (0xFF00BDEA)
YUV	137.6190, 47.5158, -120.6919
Hunter-Lab	65.0659, -23.1999, -31.2447

Details

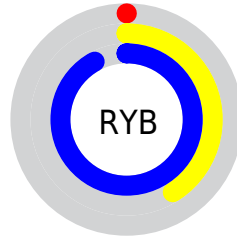
The HunterLab color **65.0659, -23.1999, -31.2447** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **44.0163, 64.3933, 28.2475**, and the grayscale version is **50.1235, -2.6745, 2.7233**.

A 20% lighter version of the original color is **87.0494, -35.4360, -11.4189**, and **45.3236, -13.5465, -27.4075** is the 20% darker color. If you saturate the color by 10%, you get **65.0626, -23.1951, -31.2510**, and if you desaturate by 10%, it is **66.7017, -24.6785, -28.5238**.

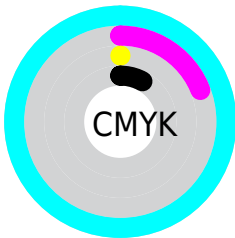
Distribution



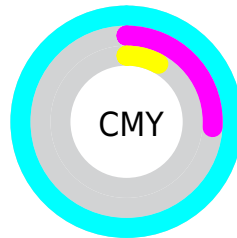
- Red (0%)
- Green (74%)
- Blue (92%)



- Red (0%)
- Yellow (41%)
- Blue (92%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (26%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.0659, -23.1999, -31.2447 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 65.0659, -23.1999, -31.2447 by changing the saturation by 10% instead.

65.0659, -23.1999,
-31.2447

65.0659, -23.1999,
-31.2447

188.6475,
-39.1383, -34.3004

54.1899, -21.2961,
-30.6615

88.7185, -26.8762,
-32.2746

43.9971, -19.3298,
-30.0514

101.4294,
-28.6696, -32.7146

34.5381, -17.2772,
-29.4431

114.6953,
-30.4421, -33.1027

25.8751, -15.1029,
-28.9020

128.4939,
-32.1990, -33.4396

18.0893, -12.7479,
-28.5841

142.8053,
-33.9441, -33.7264

11.2936, -10.4984,
-28.9253

157.6118,

3.4940, -6.1146,

-35.6807, -33.9644

-55.1338

172.8974,
-37.4114, -34.1552

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 65.0659, -23.1999,
-31.2447

■ 65.0659, -23.1999,
-31.2447

■ 65.0626, -23.1951,
-31.2510

■ 66.7017, -24.6785,
-28.5238

■ 68.5069, -25.5323,
-25.6031

■ 70.5204, -25.6166,
-22.4403

■ 72.7540, -24.8928,
-19.0420

■ 75.2119, -23.3584,

-15.4276

■ 77.8928, -21.0366,
-11.6230

■ 80.7919, -17.9682,
-7.6567

■ 83.9019, -14.2050,
-3.5569

■ 87.2139, -9.8043,
0.6499

Harmonies

Analogous

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



65.0670, -33.2697, -12.4486



65.0659, -23.1999, -31.2447



65.0670, -6.8997, -40.9604

Triad

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



65.0670, -23.1995, -31.2435



65.0670, 36.6651, 0.1632



65.0670, -17.8406, 27.7454

Complementary

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



65.0659, -23.1999, -31.2447



44.0163, 64.3933, 28.2475

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.



65.0670, 0.0214, 29.3590



65.0659, -23.1999, -31.2447



65.0670, 32.8826, 16.2844

Square

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



65.0670, -23.1995, -31.2435



65.0670, 28.7385, -19.8094



65.0670, 18.9201, 25.8228



65.0670, -30.4312, 20.5402

Rectangle

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



65.0659, -23.1999, -31.2447



65.0670, 5.8609, -39.4424



65.0670, 18.9201, 25.8228



65.0670, -12.3131, 28.8543

Sweetspot

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



65.0670, -23.1995, -31.2435



89.0125, -19.8722, -8.5157



76.8250, -65.0671, 44.4397



40.5423, -9.8990, -4.8053

0.0000, NaN, NaN



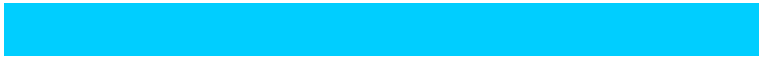
46.2646, -2.4686, 2.5136

Same Dimension

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



65.0670, -23.1995, -31.2435



71.6508, -25.4669, -34.5815



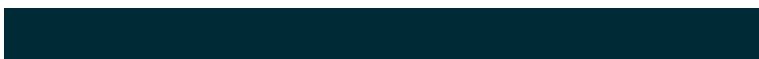
32.9512, 36.1089, -119.1278



40.7440, -4.4603, 0.4032



48.9543, -17.6341, -23.1217



14.1707, -5.5475, -5.7367

Inverse Universe

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



46.0089, 86.7696, -32.1737



50.7088, 95.6231, -35.3160



65.2741, 12.9018, 40.4458



39.0656, 2.8393, -0.5149



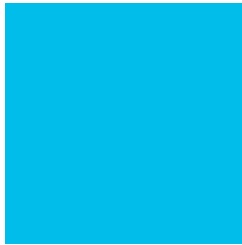
34.5139, 65.1392, -24.4652



9.7372, 18.4853, -7.7393

Previews

White Background



This preview shows how the HunterLab color 65.0659, -23.1999, -31.2447 looks on a white background.

Color Contrast Check

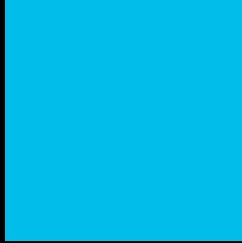
Large Text (above 18pt) WCAG AA × Fail

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 65.0659, -23.1999, -31.2447 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

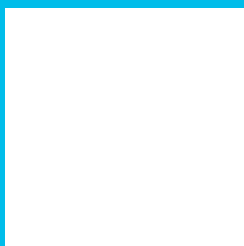
Any Text WCAG AAA ✓ Pass

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

HunterLab 65.0659, -23.1999, -31.2447 Background



This preview shows how black text looks on a background with the HunterLab color 65.0659, -23.1999, -31.2447.



This preview shows how white text looks on a background with the HunterLab color 65.0659, -23.1999, -31.2447.

-23.1999, -31.2447.

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

65.0659, -23.1999, -31.2447

Protanopia

64.6683, 3.0677, -22.8154

Deuteranopia

64.7876, 4.9405, -34.0168



Tritanopia

64.9648, -30.9511, -14.3858

Trichromacy



Original Color

65.0659, -23.1999, -31.2447



Protanomaly

63.3692, -11.9485, -28.4812



Deuteranomaly

63.6369, -10.0035, -35.6102



Tritanomaly

65.0164, -28.2434, -20.2954

Monochromacy



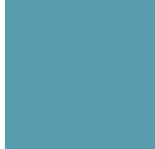
Original Color

65.0659, -23.1999, -31.2447



Achromatopsia

50.4135, -2.6899, 2.7391



Achromatomaly

54.0424, -16.5439, -10.3631

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.0659, -23.1999, -31.2447 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, 189, 234)` looks like.

```
.text, #text, p{  
    color:rgb(0, 189, 234)  
}
```

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, 189, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 189, 234) }
```

Border

The CSS property to change the border of an element to HunterLab 65.0659, -23.1999, -31.2447 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, 189, 234) }
```


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

```
.border{ border-color:rgb(0, 189, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 189, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 189, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 189, 234);  
box-shadow:4px 4px 4px 4px rgb(0, 189,  
234) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.0659, -23.1999, -31.2447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 189, 234) }
```

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

```
.background{ background-color: rgb(0, 189,  
234) }
```

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