

Converting Colors

HunterLab(56.9970, -48.2209,
-41.9750)

Have a look what the booklet for
HunterLab(56.9970, -48.2209,
-41.9750) contains.

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Color

**HunterLab(63.4818,
-22.9350, -29.8365)**

Conversions

Conversions Part 1

Format	Color
Hex	00B9E4
RGB	0, 185, 228
RGB Percent	0%, 73%, 89%
CMY	0.9998, 0.2745, 0.1059
CMYK	1.00, 0.19, 0.00, 0.11
HSL	191°, 100%, 45%
HSV	191°, 100%, 89%
XYZ	31.3526, 40.2994, 79.5249
YIQ	134.5870, -124.0630, -25.8470

Conversions

Conversions Part 2

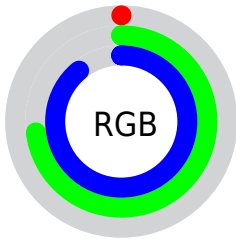
Format	Color
RYB	0, 102, 228
Decimal	47588
CIELab	69.68, -23.85, -32.38
CIELCh	70, 40.216, 233.634
Yxy	40.3008, 0.2074, 0.2666
Android (android.graphics.Color)	4278237668 (0xFF00B9E4)
YUV	134.5870, 46.0526, -118.0328
Hunter-Lab	63.4818, -22.9350, -29.8365

Details

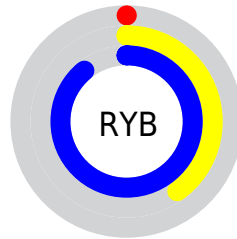
The HunterLab color **63.4818, -22.9350, -29.8365** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **42.6925, 62.6851, 27.4018**, and the grayscale version is **48.9250, -2.6105, 2.6582**.

A 20% lighter version of the original color is **85.6264, -33.7534, -13.3373**, and **44.1374, -13.7561, -25.4724** is the 20% darker color. If you saturate the color by 10%, you get **63.4788, -22.9306, -29.8423**, and if you desaturate by 10%, it is **65.0445, -24.3182, -27.2515**.

Distribution



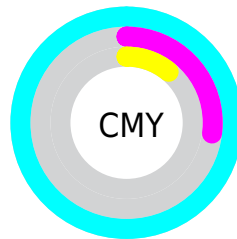
- Red (0%)
- Green (73%)
- Blue (89%)



- Red (0%)
- Yellow (40%)
- Blue (89%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.4818, -22.9350, -29.8365 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 63.4818, -22.9350, -29.8365 by changing the saturation by 10% instead.

63.4818, -22.9350,
-29.8365

63.4818, -22.9350,
-29.8365

186.3839,
-38.8966, -32.7195

52.7002, -21.0233,
-29.2673

86.9605, -26.6221,
-30.8332

42.6084, -19.0461,
-28.6687

99.5907, -28.4190,
-31.2547

33.2583, -16.9786,
-28.0690

112.7792,
-30.1943, -31.6237

24.7143, -14.7827,
-27.5340

126.5034,
-31.9532, -31.9408

17.0612, -12.3948,
-27.2251

140.7432,
-33.6999, -32.2073

10.4181, -10.7478,
-27.6100

155.4804,

0.0000, NaN, -NF

-35.4377, -32.4249

0.0000, NaN, -NF

170.6990,
-37.1692, -32.5950

0.0000, NaN, NaN

■ 63.4818, -22.9350,
-29.8365

■ 63.4818, -22.9350,
-29.8365

■ 63.4788, -22.9306,
-29.8423

■ 65.0445, -24.3182,
-27.2515

■ 66.7699, -25.1000,
-24.4731

■ 68.6965, -25.1375,
-21.4587

■ 70.8357, -24.3931,
-18.2144

■ 73.1919, -22.8639,
-14.7581

■ 75.7639, -20.5720,
-11.1145

■ 78.5475, -17.5560,
-7.3110

■ 81.5356, -13.8658,
-3.3746

■ 84.7198, -9.5567,
0.6690

Harmonies

Analogous

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



63.4829, -32.5150, -11.4799



63.4818, -22.9350, -29.8365



63.4829, -7.2448, -39.6184

Triad

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



63.4829, -22.9346, -29.8354



63.4829, 35.4969, -0.3685



63.4829, -16.8890, 27.1065

Complementary

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



63.4818, -22.9350, -29.8365



42.6925, 62.6851, 27.4018

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.



63.4829, 0.5576, 28.5310



63.4818, -22.9350, -29.8365



63.4829, 32.1645, 15.4623

Square

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



63.4829, -22.9346, -29.8354



63.4829, 27.4980, -19.7654



63.4829, 18.8471, 24.9305



63.4829, -29.3109, 20.2699

Rectangle

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



63.4818, -22.9350, -29.8365



63.4829, 5.1177, -38.4346



63.4829, 18.8471, 24.9305



63.4829, -11.4733, 28.1357

Sweetspot

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



63.4829, -22.9346, -29.8354



89.1066, -20.0125, -8.3936



74.6016, -63.1746, 43.1334



40.5922, -9.9723, -4.7395

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.4829, -22.9346, -29.8354



71.9691, -25.8989, -34.0467



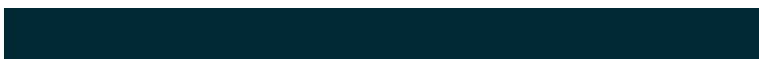
32.0438, 34.9319, -115.4530



39.8119, -4.3708, 0.4124



48.4072, -17.6552, -22.3924



13.6061, -5.3958, -5.3584

Inverse Universe

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



44.7196, 84.4087, -31.8217



50.7542, 95.7840, -35.9304



63.4121, 12.4741, 39.2910



38.1656, 2.7681, -0.5142



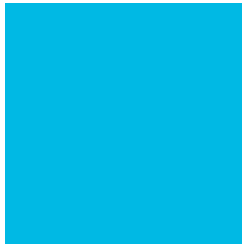
34.0048, 64.2303, -24.5075



9.3089, 17.6902, -7.5376

Previews

White Background



This preview shows how the HunterLab color 63.4818, -22.9350, -29.8365 looks on a white background.

Color Contrast Check

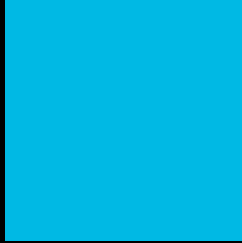
Large Text (above 18pt) WCAG AA × Fail

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 63.4818, -22.9350, -29.8365 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 63.4818, -22.9350, -29.8365 Background



This preview shows how black text looks on a background with the HunterLab color 63.4818, -22.9350, -29.8365.



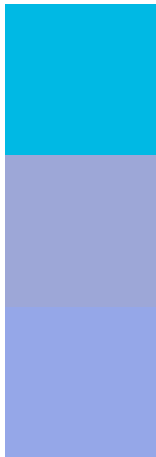
This preview shows how white text looks on a background with the HunterLab color 63.4818, -22.9350, -29.8365.

-22.9350, -29.8365.

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

63.4818, -22.9350, -29.8365

Protanopia

63.0173, 2.9910, -21.6040

Deuteranopia

63.1294, 4.8262, -32.7163



Tritanopia

63.4651, -30.1669, -14.2042

Trichromacy



Original Color

63.4818, -22.9350, -29.8365

Protanomaly

61.7647, -11.8226, -27.1452

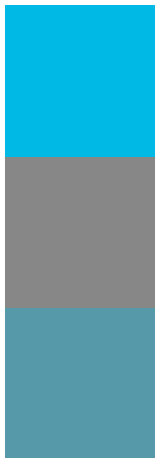
Deuteranomaly

62.0278, -9.9022, -34.2164

Tritanomaly

63.4776, -27.6985, -19.5485

Monochromacy



Original Color

63.4818, -22.9350, -29.8365

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

52.5599, -15.9393, -10.2343

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.4818, -22.9350, -29.8365 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, 185, 228)` looks like.

```
.text, #text, p{  
    color:rgb(0, 185, 228)  
}
```

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, 185, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 185, 228) }
```

Border

The CSS property to change the border of an element to HunterLab 63.4818, -22.9350, -29.8365 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, 185, 228) }
```


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

```
.border{ border-color:rgb(0, 185, 228) }
```

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

Here you see how a box with a 4 pixel rgb(0, 185, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 185, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 185, 228);  
box-shadow:4px 4px 4px 4px rgb(0, 185,  
228) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.4818, -22.9350, -29.8365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 185, 228) }
```

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

```
.background{ background-color: rgb(0, 185,  
228) }
```

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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