

Converting Colors

HunterLab(59.0064, -47.0854,
-30.1223)

Have a look what the booklet for
HunterLab(59.0064, -47.0854,
-30.1223) contains.

HunterLab(64.0126, -26.9513, -21.8300)	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(64.0126,
-26.9513, -21.8300)**

Conversions

Conversions Part 1

Format	Color
Hex	00BCD9
RGB	0, 188, 217
RGB Percent	0%, 74%, 85%
CMY	0.9998, 0.2627, 0.1490
CMYK	1.00, 0.13, 0.00, 0.15
HSL	188°, 100%, 43%
HSV	188°, 100%, 85%
XYZ	30.5076, 40.9761, 71.9468
YIQ	135.0940, -121.3570, -30.8370

Conversions

Conversions Part 2

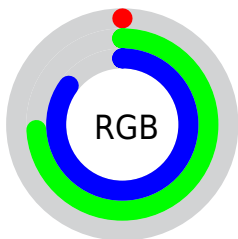
Format	Color
RYB	0, 101, 217
Decimal	48345
CIELab	70.16, -29.03, -25.65
CIELCh	70, 38.740, 221.457
Yxy	40.9776, 0.2127, 0.2857
Android (android.graphics.Color)	4278238425 (0xFF00BCD9)
YUV	135.0940, 40.3797, -118.4774
Hunter-Lab	64.0126, -26.9513, -21.8300

Details

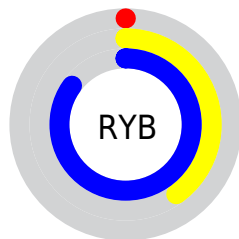
The HunterLab color **64.0126, -26.9513, -21.8300** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **39.5390, 61.9834, 25.4465**, and the grayscale version is **49.1458, -2.6223, 2.6702**.

A 20% lighter version of the original color is **86.9419, -35.8482, -11.5721**, and **44.3383, -17.0160, -18.6862** is the 20% darker color. If you saturate the color by 10%, you get **64.0111, -26.9490, -21.8331**, and if you desaturate by 10%, it is **65.1129, -27.7043, -20.1385**.

Distribution



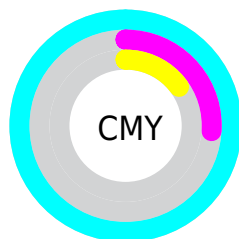
- Red (0%)
- Green (74%)
- Blue (85%)



- Red (0%)
- Yellow (40%)
- Blue (85%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (26%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.0126, -26.9513, -21.8300 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 64.0126, -26.9513, -21.8300 by changing the saturation by 10% instead.

64.0126, -26.9513,
-21.8300

64.0126, -26.9513,
-21.8300

187.1435,
-45.0418, -23.0773

53.1992, -24.7336,
-21.4155

87.5499, -31.1937,
-22.4792

43.0733, -22.4255,
-20.9458

100.2072,
-33.2456, -22.7179

33.6865, -19.9957,
-20.4294

113.4218,
-35.2637, -22.9017

25.1024, -17.3963,
-19.8925

127.1711,
-37.2547, -23.0330

17.4044, -14.5479,
-19.4065

141.4350,
-39.2241, -23.1140

10.7096, -12.7362,
-19.1899

156.1955,

1.3318, -2.3307,

-41.1761, -23.1471

-91.9073

171.4366,
-43.1144, -23.1342

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.0126, -26.9513,
-21.8300

■ 64.0126, -26.9513,
-21.8300

■ 64.0111, -26.9490,
-21.8331

■ 65.1129, -27.7043,
-20.1385

■ 66.3547, -27.9180,
-18.2584

■ 67.7769, -27.4493,
-16.1429

■ 69.3936, -26.2534,
-13.7879

■ 71.2119, -24.3172,

-11.2014

■ 73.2345, -21.6516,
-8.3990

■ 75.4600, -18.2854,
-5.4012

■ 77.8847, -14.2597,
-2.2309

■ 80.5027, -9.6239,
1.0886

Harmonies

Analogous

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



64.0137, -33.4393, -3.2761



64.0126, -26.9513, -21.8300



64.0137, -13.8726, -35.3713

Triad

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



64.0137, -26.9511, -21.8290



64.0137, 32.0953, -7.6733



64.0137, -10.0312, 27.7623

Complementary

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



64.0126, -26.9513, -21.8300



39.5390, 61.9834, 25.4465

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.



64.0137, 7.7516, 27.1828



64.0126, -26.9513, -21.8300



64.0137, 33.4120, 9.5797

Square

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



64.0137, -26.9511, -21.8290



64.0137, 20.6722, -25.7900



64.0137, 24.0956, 21.4065



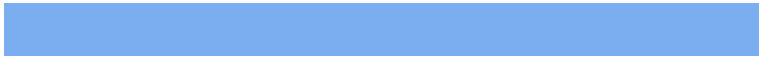
64.0137, -24.4023, 23.2876

Rectangle

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



64.0126, -26.9513, -21.8300



64.0137, -2.5523, -37.9940



64.0137, 24.0956, 21.4065



64.0137, -4.2811, 28.1111

Sweetspot

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



64.0137, -26.9511, -21.8290



90.5056, -22.0839, -6.5948



70.5090, -60.0115, 41.4203



41.3339, -11.0540, -3.7707

0.0000, NaN, NaN



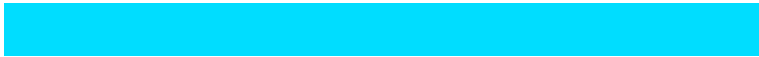
46.2646, -2.4686, 2.5136

Same Dimension

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



64.0137, -26.9511, -21.8290



76.7385, -32.2147, -26.3743



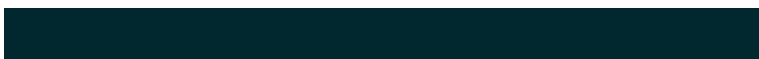
32.6944, 26.6708, -98.4338



38.1014, -4.4216, 0.6002



49.9162, -21.1138, -16.8124



13.0316, -5.7924, -3.7843

Inverse Universe

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



42.8765, 81.8885, -37.9377



51.4548, 98.2545, -45.3284



57.2473, 17.1373, 35.5740



36.3914, 2.7072, -0.7268



33.3753, 63.7751, -29.7430



8.5447, 16.4073, -8.2318

Previews

White Background



This preview shows how the HunterLab color 64.0126, -26.9513, -21.8300 looks on a white background.

Color Contrast Check

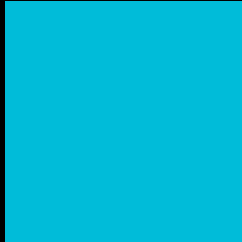
Large Text (above 18pt) WCAG AA × Fail

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 64.0126, -26.9513, -21.8300 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

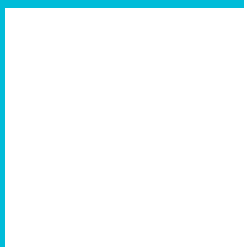
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.0126, -26.9513, -21.8300 Background



This preview shows how black text looks on a background with the HunterLab color 64.0126, -26.9513, -21.8300.



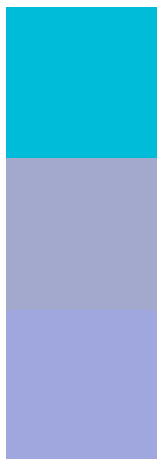
This preview shows how white text looks on a background with the HunterLab color 64.0126, -26.9513, -21.8300.

-26.9513, -21.8300.

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

64.0126, -26.9513, -21.8300

Protanopia

63.6570, 1.3004, -13.9599

Deuteranopia

63.4683, 5.0882, -25.3597



Tritanopia

63.8772, -30.1403, -14.7767

Trichromacy



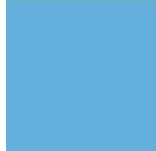
Original Color

64.0126, -26.9513, -21.8300



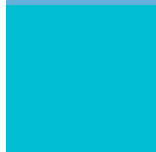
Protanomaly

62.1266, -14.6459, -19.5417



Deuteranomaly

62.1240, -12.1314, -26.5531



Tritanomaly

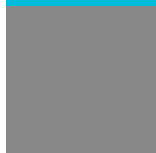
64.0302, -29.2394, -16.9128

Monochromacy



Original Color

64.0126, -26.9513, -21.8300



Achromatopsia

49.2221, -2.6264, 2.6743



Achromatomaly

52.7316, -17.1831, -7.8325

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.0126, -26.9513, -21.8300 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(0, 188, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 188, 217) }
```

Border

The CSS property to change the border of an element to HunterLab 64.0126, -26.9513, -21.8300 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, 217) }
```


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

```
.border{ border-color:rgb(0, 188, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 188, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 188, 217);  
box-shadow:4px 4px 4px 4px rgb(0, 188,  
217) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.0126, -26.9513, -21.8300 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, 217) }
```

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

```
.background{ background-color: rgb(0, 188,  
217) }
```

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