

Converting Colors

HunterLab(63.8198, -27.1958,
-26.8657)

Have a look what the booklet for
HunterLab(63.8198, -27.1958,
-26.8657) contains.

HunterLab(64.3026, -25.2603, -25.8429)	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(64.3026,
-25.2603, -25.8429)**

Conversions

Conversions Part 1

Format	Color
Hex	00BCE0
RGB	0, 188, 224
RGB Percent	0%, 74%, 88%
CMY	0.9998, 0.2627, 0.1216
CMYK	1.00, 0.16, 0.00, 0.12
HSL	190°, 100%, 44%
HSV	190°, 100%, 88%
XYZ	31.4378, 41.3482, 76.8450
YIQ	135.8920, -123.6040, -28.6600

Conversions

Conversions Part 2

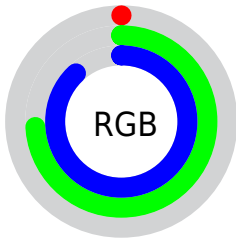
Format	Color
RYB	0, 102, 224
Decimal	48352
CIELab	70.42, -26.71, -29.07
CIELCh	70, 39.475, 227.420
Yxy	41.3497, 0.2101, 0.2763
Android (android.graphics.Color)	4278238432 (0xFF00BCE0)
YUV	135.8920, 43.4372, -119.1773
Hunter-Lab	64.3026, -25.2603, -25.8429

Details

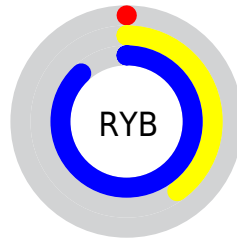
The HunterLab color **64.3026, -25.2603, -25.8429** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **41.3675, 62.9836, 26.5908**, and the grayscale version is **49.4515, -2.6386, 2.6868**.

A 20% lighter version of the original color is **86.6298, -35.2583, -11.9866**, and **44.6260, -15.3507, -22.6409** is the 20% darker color. If you saturate the color by 10%, you get **64.3004, -25.2570, -25.8472**, and if you desaturate by 10%, it is **65.6376, -26.3240, -23.7171**.

Distribution



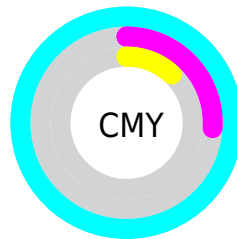
- Red (0%)
- Green (74%)
- Blue (88%)



- Red (0%)
- Yellow (40%)
- Blue (88%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (26%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.3026, -25.2603, -25.8429 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 64.3026, -25.2603, -25.8429 by changing the saturation by 10% instead.

64.3026, -25.2603,
-25.8429

64.3026, -25.2603,
-25.8429

187.5580,
-42.3844, -27.9250

53.4719, -23.1834,
-25.3456

87.8718, -29.2487,
-26.6728

43.3275, -21.0284,
-24.8035

100.5439,
-31.1845, -27.0053

33.9207, -18.7674,
-24.2333

113.7727,
-33.0923, -27.2836

25.3148, -16.3580,
-23.6769

127.5355,
-34.9782, -27.5093

17.5925, -13.7294,
-23.2408

141.8125,
-36.8468, -27.6844

10.8697, -11.7239,
-23.2359

156.5858,

2.1569, -3.7746,

-38.7020, -27.8108

-69.1617

171.8392,
-40.5470, -27.8904

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.3026, -25.2603,
-25.8429

■ 64.3026, -25.2603,
-25.8429

■ 64.3004, -25.2570,
-25.8472

■ 65.6376, -26.3240,
-23.7171

■ 67.1254, -26.8134,
-21.3970

■ 68.8050, -26.5848,
-18.8374

■ 70.6895, -25.5960,
-16.0389

■ 72.7847, -23.8386,

-13.0144

■ 75.0915, -21.3289,
-9.7843

■ 77.6073, -18.1006,
-6.3725

■ 80.3265, -14.1996,
-2.8048

■ 83.2421, -9.6786,
0.8941

Harmonies

Analogous

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



64.3037, -33.2945, -7.1813



64.3026, -25.2603, -25.8429



64.3037, -10.8159, -37.7459

Triad

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



64.3037, -25.2600, -25.8418



64.3037, 34.0388, -4.1087



64.3037, -13.4920, 27.6938

Complementary

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



64.3026, -25.2603, -25.8429



41.3675, 62.9836, 26.5908

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.



64.3037, 4.2956, 28.0933



64.3026, -25.2603, -25.8429



64.3037, 33.1178, 12.6150

Square

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



64.3037, -25.2600, -25.8418



64.3037, 24.1491, -23.0652



64.3037, 21.7564, 23.3636



64.3037, -27.0325, 22.0619

Rectangle

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



64.3026, -25.2603, -25.8429



64.3037, 1.1061, -38.5656



64.3037, 21.7564, 23.3636



64.3037, -7.8526, 28.3752

Sweetspot

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



64.3037, -25.2600, -25.8418



89.8152, -21.0649, -7.4788



73.0929, -62.1216, 42.7458



40.9677, -10.5220, -4.2465

0.0000, NaN, NaN



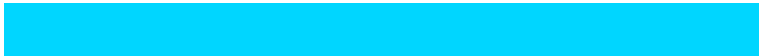
46.2646, -2.4686, 2.5136

Same Dimension

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



64.3037, -25.2600, -25.8418



74.3759, -29.1217, -30.0979



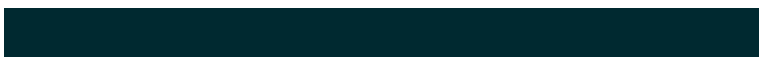
33.0052, 29.9140, -105.8230



38.9583, -4.4017, 0.5105



49.2015, -19.4604, -19.4881



13.3406, -5.6289, -4.5233

Inverse Universe

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



44.1358, 83.8031, -35.2512



51.1033, 97.0171, -40.6288



60.2400, 15.9552, 37.3973



37.2771, 2.7394, -0.6256



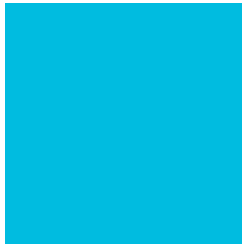
33.6925, 64.0139, -27.1773



8.9282, 17.0565, -7.9264

Previews

White Background



This preview shows how the HunterLab color 64.3026, -25.2603, -25.8429 looks on a white background.

Color Contrast Check

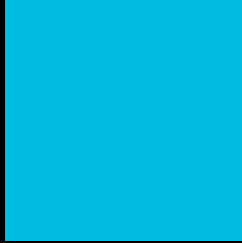
Large Text (above 18pt) WCAG AA × Fail

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 64.3026, -25.2603, -25.8429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

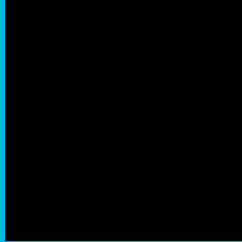
Any Text WCAG AA ✓ Pass

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 64.3026, -25.2603, -25.8429 Background



This preview shows how black text looks on a background with the HunterLab color 64.3026, -25.2603, -25.8429.



This preview shows how white text looks on a background with the HunterLab color 64.3026,

-25.2603, -25.8429.

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

64.3026, -25.2603, -25.8429

Protanopia

63.7622, 2.1970, -17.9771

Deuteranopia

63.7767, 5.1483, -28.8462



Tritanopia

64.2142, -30.5586, -14.2950

Trichromacy



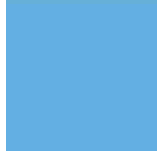
Original Color

64.3026, -25.2603, -25.8429



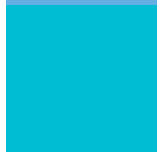
Protanomaly

62.3164, -13.3837, -23.6459



Deuteranomaly

62.3367, -10.7553, -30.8979



Tritanomaly

64.1472, -28.5517, -18.5436

Monochromacy



Original Color

64.3026, -25.2603, -25.8429



Achromatopsia

49.6187, -2.6475, 2.6959



Achromatomaly

53.1941, -16.8505, -8.8082

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.3026, -25.2603, -25.8429 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(0, 188, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 188, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 64.3026, -25.2603, -25.8429 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, 224) }
```


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

```
.border{ border-color:rgb(0, 188, 224) }
```

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, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 188, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 188, 224);  
box-shadow:4px 4px 4px 4px rgb(0, 188,  
224) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.3026, -25.2603, -25.8429 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, 224) }
```

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

```
.background{ background-color: rgb(0, 188,  
224) }
```

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