

Converting Colors

HunterLab(64.5622, -25.8561,
-28.4175)

Have a look what the booklet for
HunterLab(64.5622, -25.8561,
-28.4175) contains.

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Color

**HunterLab(64.8478,
-24.4633, -28.2449)**

Conversions

Conversions Part 1

Format	Color
Hex	00BDE5
RGB	0, 189, 229
RGB Percent	0%, 74%, 90%
CMY	0.9998, 0.2588, 0.1020
CMYK	1.00, 0.17, 0.00, 0.10
HSL	190°, 100%, 45%
HSV	190°, 100%, 90%
XYZ	32.3405, 42.0524, 80.5412
YIQ	137.0490, -125.4840, -27.6280

Conversions

Conversions Part 2

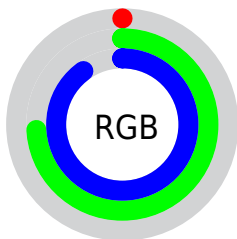
Format	Color
RYB	0, 104, 229
Decimal	48613
CIELab	70.91, -25.53, -31.04
CIELCh	71, 40.190, 230.555
Yxy	42.0538, 0.2087, 0.2714
Android (android.graphics.Color)	4278238693 (0xFF00BDE5)
YUV	137.0490, 45.3318, -120.1920
Hunter-Lab	64.8478, -24.4633, -28.2449

Details

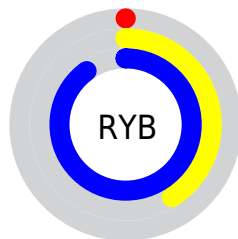
The HunterLab color **64.8478, -24.4633, -28.2449** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **42.6378, 63.8479, 27.3886**, and the grayscale version is **49.9043, -2.6628, 2.7114**.

A 20% lighter version of the original color is **87.0132, -35.5749, -11.4705**, and **45.1055, -14.7981, -24.4332** is the 20% darker color. If you saturate the color by 10%, you get **64.8452, -24.4595, -28.2499**, and if you desaturate by 10%, it is **66.3176, -25.7095, -25.8596**.

Distribution



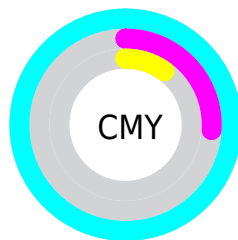
- Red (0%)
- Green (74%)
- Blue (90%)



- Red (0%)
- Yellow (41%)
- Blue (90%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (26%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.8478, -24.4633, -28.2449 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 64.8478, -24.4633, -28.2449 by changing the saturation by 10% instead.

■ 64.8478, -24.4633,
-28.2449

■ 64.8478, -24.4633,
-28.2449

188.3364,
-41.0951, -30.7675

■ 53.9847, -22.4591,
-27.7073

■ 88.4766, -28.3213,
-29.1666

■ 43.8057, -20.3838,
-27.1320

■ 101.1765,
-30.1978, -29.5479

■ 34.3616, -18.2113,
-26.5404

■ 114.4318,
-32.0494, -29.8759

■ 25.7148, -15.9026,
-25.9839

■ 128.2202,
-33.8818, -30.1518

■ 17.9471, -13.3926,
-25.5877

■ 142.5218,
-35.6993, -30.3771

■ 11.1721, -11.1719,
-25.7092

157.3188,

■ 3.1706, -5.5485,

-37.5055, -30.5537

-53.2741

172.5953,
-39.3033, -30.6832

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.8478, -24.4633,
-28.2449

■ 64.8478, -24.4633,
-28.2449

■ 64.8452, -24.4595,
-28.2499

■ 66.3176, -25.7095,
-25.8596

■ 67.9479, -26.3576,
-23.2762

■ 69.7778, -26.2631,
-20.4508

■ 71.8196, -25.3851,
-17.3865

■ 74.0788, -23.7175,

-14.0989

■ 76.5552, -21.2798,
-10.6110

■ 79.2453, -18.1088,
-6.9489

■ 82.1428, -14.2530,
-3.1396

■ 85.2397, -9.7674,
0.7912

Harmonies

Analogous

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



64.8489, -33.4012, -9.4465



64.8478, -24.4633, -28.2449



64.8489, -9.1727, -39.2665

Triad

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



64.8489, -24.4629, -28.2438



64.8489, 35.2950, -2.2446



64.8489, -15.4346, 27.8130

Complementary

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



64.8478, -24.4633, -28.2449



42.6378, 63.8479, 27.3886

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.



64.8489, 2.4500, 28.7428



64.8478, -24.4633, -28.2449



64.8489, 33.1355, 14.2786

Square

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



64.8489, -24.4629, -28.2438



64.8489, 26.2106, -21.7259



64.8489, 20.6026, 24.5274



64.8489, -28.6067, 21.4918

Rectangle

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



64.8478, -24.4633, -28.2449



64.8489, 3.1516, -39.0852



64.8489, 20.6026, 24.5274



64.8489, -9.8239, 28.6814

Sweetspot

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



64.8489, -24.4629, -28.2438



89.4602, -20.5385, -7.9362



74.9540, -63.5985, 43.6079



40.7795, -10.2471, -4.4929

0.0000, NaN, NaN



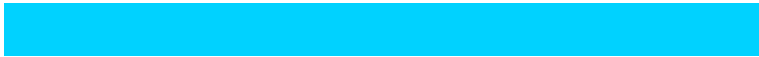
46.2646, -2.4686, 2.5136

Same Dimension

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



64.8489, -24.4629, -28.2438



73.1676, -27.5134, -32.0597



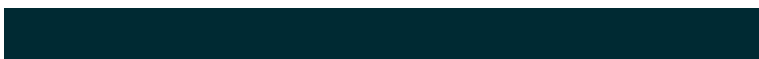
32.9819, 32.9553, -112.3591



39.8565, -4.4423, 0.4655



49.1932, -18.7103, -21.0971



13.7888, -5.6357, -5.0691

Inverse Universe

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



45.0929, 85.3636, -34.0232



50.9269, 96.3946, -38.2587



62.7204, 14.4766, 38.8999



38.1703, 2.7932, -0.5810



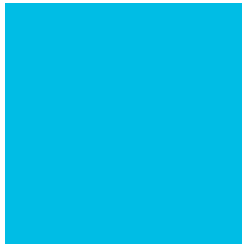
34.1185, 64.6320, -26.0387



9.3360, 17.7857, -7.9004

Previews

White Background



This preview shows how the HunterLab color 64.8478, -24.4633, -28.2449 looks on a white background.

Color Contrast Check

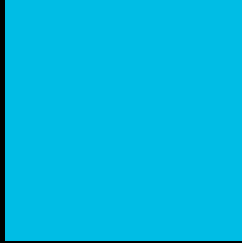
Large Text (above 18pt) WCAG AA × Fail

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 64.8478, -24.4633, -28.2449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

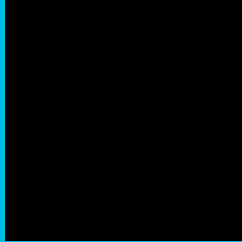
Any Text WCAG AA ✓ Pass

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 64.8478, -24.4633, -28.2449 Background



This preview shows how black text looks on a background with the HunterLab color 64.8478, -24.4633, -28.2449.



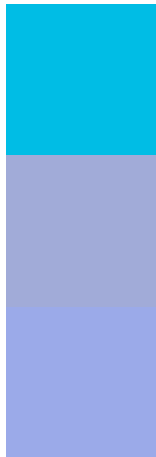
This preview shows how white text looks on a background with the HunterLab color 64.8478, -24.4633, -28.2449.

-24.4633, -28.2449.

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

64.8478, -24.4633, -28.2449

Protanopia

64.5451, 2.2446, -19.8646

Deuteranopia

64.4990, 5.0224, -31.0330



Tritanopia

64.9648, -30.9511, -14.3858

Trichromacy



Original Color

64.8478, -24.4633, -28.2449



Protanomaly

63.1554, -13.1508, -25.5340



Deuteranomaly

63.1847, -10.4727, -32.8872



Tritanomaly

64.9368, -28.7102, -19.1883

Monochromacy



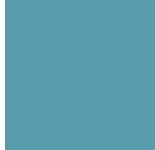
Original Color

64.8478, -24.4633, -28.2449



Achromatopsia

50.0158, -2.6687, 2.7175



Achromatomaly

53.5775, -16.8845, -9.3665

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.8478, -24.4633, -28.2449 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(0, 189, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 189, 229) }
```

Border

The CSS property to change the border of an element to HunterLab 64.8478, -24.4633, -28.2449 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, 229) }
```


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

```
.border{ border-color:rgb(0, 189, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 189, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 189, 229);  
box-shadow:4px 4px 4px 4px rgb(0, 189,  
229) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.8478, -24.4633, -28.2449 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, 229) }
```

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

```
.background{ background-color: rgb(0, 189,  
229) }
```

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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