

Converting Colors

HunterLab(64.8910, -24.2128,
-28.8396)

Have a look what the booklet for
HunterLab(64.8910, -24.2128,
-28.8396) contains.

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Color

**HunterLab(64.8910,
-24.2128, -28.8396)**

Conversions

Conversions Part 1

Format	Color
Hex	00BDE6
RGB	0, 189, 230
RGB Percent	0%, 74%, 90%
CMY	0.9998, 0.2588, 0.0980
CMYK	1.00, 0.18, 0.00, 0.10
HSL	191°, 100%, 45%
HSV	191°, 100%, 90%
XYZ	32.4806, 42.1084, 81.2788
YIQ	137.1630, -125.8050, -27.3170

Conversions

Conversions Part 2

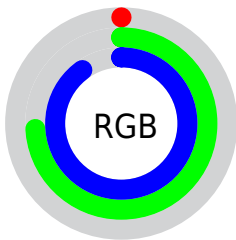
Format	Color
RYB	0, 104, 230
Decimal	48614
CIELab	70.95, -25.20, -31.52
CIELCh	71, 40.353, 231.362
Yxy	42.1099, 0.2084, 0.2702
Android (android.graphics.Color)	4278238694 (0xFF00BDE6)
YUV	137.1630, 45.7686, -120.2920
Hunter-Lab	64.8910, -24.2128, -28.8396

Details

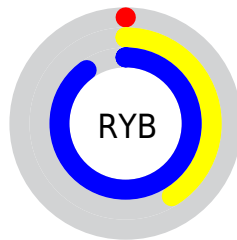
The HunterLab color **64.8910, -24.2128, -28.8396** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **42.9107, 63.9634, 27.5588**, and the grayscale version is **49.9482, -2.6651, 2.7138**.

A 20% lighter version of the original color is **87.0494, -35.4360, -11.4189**, and **45.1486, -14.5505, -25.0215** is the 20% darker color. If you saturate the color by 10%, you get **64.8882, -24.2088, -28.8449**, and if you desaturate by 10%, it is **66.3941, -25.5051, -26.3882**.

Distribution



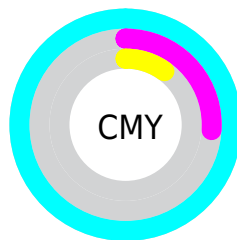
- Red (0%)
- Green (74%)
- Blue (90%)



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



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.8910, -24.2128, -28.8396 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 64.8910, -24.2128, -28.8396 by changing the saturation by 10% instead.

64.8910, -24.2128,
-28.8396

64.8910, -24.2128,
-28.8396

188.3981,
-40.7060, -31.4713

54.0253, -22.2287,
-28.2923

88.5245, -28.0344,
-29.7838

43.8436, -20.1752,
-27.7094

101.2266,
-29.8943, -30.1772

34.3966, -18.0267,
-27.1136

114.4840,
-31.7302, -30.5175

25.7466, -15.7449,
-26.5589

128.2744,
-33.5475, -30.8058

17.9753, -13.2660,
-26.1766

142.5780,
-35.3505, -31.0437

11.1962, -11.0361,
-26.3391

157.3769,

3.2372, -5.6651,

-37.1428, -31.2327

-53.5895

172.6551,
-38.9272, -31.3747

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.8910, -24.2128,
-28.8396

■ 64.8910, -24.2128,
-28.8396

■ 64.8882, -24.2088,
-28.8449

■ 66.3941, -25.5051,
-26.3882

■ 68.0595, -26.1940,
-23.7383

■ 69.9260, -26.1349,
-20.8462

■ 72.0062, -25.2874,
-17.7157

■ 74.3051, -23.6463,

-14.3633

■ 76.8224, -21.2316,
-10.8125

■ 79.5543, -18.0809,
-7.0899

■ 82.4942, -14.2435,
-3.2227

■ 85.6341, -9.7747,
0.7631

Harmonies

Analogous

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



64.8921, -33.3760, -10.0384



64.8910, -24.2128, -28.8396



64.8921, -8.7216, -39.6055

Triad

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



64.8921, -24.2124, -28.8385



64.8921, 35.5698, -1.7573



64.8921, -15.9186, 27.8002

Complementary

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



64.8910, -24.2128, -28.8396



42.9107, 63.9634, 27.5588

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.



64.8921, 1.9625, 28.8674



64.8910, -24.2128, -28.8396



64.8921, 33.0866, 14.6863

Square

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



64.8921, -24.2124, -28.8385



64.8921, 26.7146, -21.3411



64.8921, 20.2664, 24.7906



64.8921, -28.9738, 21.3046

Rectangle

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



64.8910, -24.2128, -28.8396



64.8921, 3.6897, -39.1587



64.8921, 20.2664, 24.7906



64.8921, -10.3244, 28.7166

Sweetspot

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



64.8921, -24.2124, -28.8385



89.3690, -20.4030, -8.0540



75.3241, -63.9140, 43.8263



40.7312, -10.1763, -4.5564

0.0000, NaN, NaN



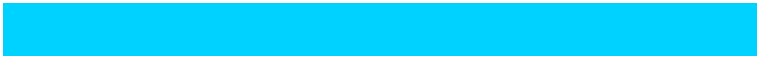
46.2646, -2.4686, 2.5136

Same Dimension

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



64.8921, -24.2124, -28.8385



72.8581, -27.0982, -32.5689



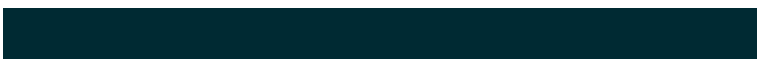
33.1369, 33.1396, -112.9506



39.8450, -4.4239, 0.4518



48.9902, -18.4389, -21.4291



13.7416, -5.5740, -5.1433

Inverse Universe

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



45.2755, 85.6433, -33.6504



50.8821, 96.2362, -37.6551



63.0254, 14.5576, 39.0892



38.1691, 2.7867, -0.5638



34.0890, 64.5278, -25.6418



9.3290, 17.7609, -7.8064

Previews

White Background



This preview shows how the HunterLab color 64.8910, -24.2128, -28.8396 looks on a white background.

Color Contrast Check

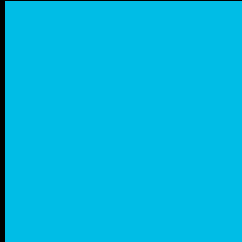
Large Text (above 18pt) WCAG AA × Fail

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 64.8910, -24.2128, -28.8396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

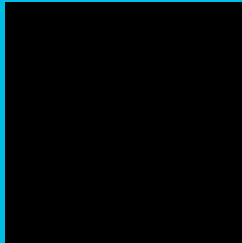
Any Text WCAG AA ✓ Pass

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 64.8910, -24.2128, -28.8396 Background



This preview shows how black text looks on a background with the HunterLab color 64.8910, -24.2128, -28.8396.



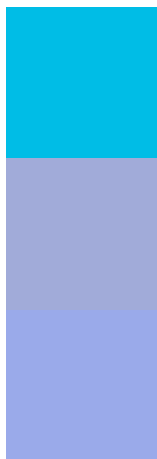
This preview shows how white text looks on a background with the HunterLab color 64.8910, -24.2128, -28.8396.

-24.2128, -28.8396.

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

64.8910, -24.2128, -28.8396

Protanopia

64.5853, 2.4611, -20.4231

Deuteranopia

64.4670, 5.0043, -31.7789



Tritanopia

64.9648, -30.9511, -14.3858

Trichromacy



Original Color

64.8910, -24.2128, -28.8396



Protanomaly

63.1977, -12.9125, -26.1181



Deuteranomaly

63.1856, -10.3796, -33.5850



Tritanomaly

64.9368, -28.7102, -19.1883

Monochromacy



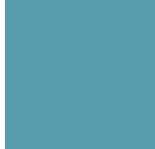
Original Color

64.8910, -24.2128, -28.8396



Achromatopsia

50.0158, -2.6687, 2.7175



Achromatomaly

53.6129, -16.6811, -9.8638

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.8910, -24.2128, -28.8396 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(0, 189, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 189, 230) }
```

Border

The CSS property to change the border of an element to HunterLab 64.8910, -24.2128, -28.8396 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, 230) }
```


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

```
.border{ border-color:rgb(0, 189, 230) }
```

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, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 189, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 189, 230);  
box-shadow:4px 4px 4px 4px rgb(0, 189,  
230) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.8910, -24.2128, -28.8396 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, 230) }
```

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

```
.background{ background-color: rgb(0, 189,  
230) }
```

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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