

Converting Colors

HunterLab(60.4057, -45.8267,
-24.9147)

Have a look what the booklet for
HunterLab(60.4057, -45.8267,
-24.9147) contains.

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Color

**HunterLab(64.4828,
-28.9772, -18.0446)**

Conversions

Conversions Part 1

Format	Color
Hex	00BED4
RGB	0, 190, 212
RGB Percent	0%, 75%, 83%
CMY	0.9998, 0.2549, 0.1686
CMYK	1.00, 0.10, 0.00, 0.17
HSL	186°, 100%, 42%
HSV	186°, 100%, 83%
XYZ	30.2971, 41.5803, 68.7163
YIQ	135.6980, -120.3020, -33.4380

Conversions

Conversions Part 2

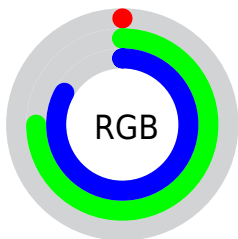
Format	Color
RYB	0, 100, 212
Decimal	48852
CIELab	70.58, -31.64, -22.27
CIElCh	71, 38.694, 215.146
Yxy	41.5818, 0.2155, 0.2958
Android (android.graphics.Color)	4278238932 (0xFF00BED4)
YUV	135.6980, 37.6169, -119.0071
Hunter-Lab	64.4828, -28.9772, -18.0446

Details

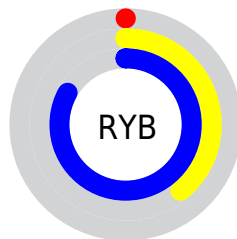
The HunterLab color **64.4828, -28.9772, -18.0446** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **38.1745, 61.5002, 24.5975**, and the grayscale version is **49.3948, -2.6356, 2.6837**.

A 20% lighter version of the original color is **87.6389, -36.7536, -10.6454**, and **44.7690, -18.9775, -14.9904** is the 20% darker color. If you saturate the color by 10%, you get **64.4821, -28.9759, -18.0464**, and if you desaturate by 10%, it is **65.3484, -29.4299, -16.7613**.

Distribution



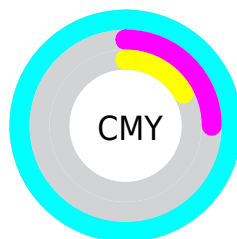
- Red (0%)
- Green (75%)
- Blue (83%)



- Red (0%)
- Yellow (39%)
- Blue (83%)



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



- Cyan (100%)
- Magenta (25%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.4828, -28.9772, -18.0446 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 64.4828, -28.9772, -18.0446 by changing the saturation by 10% instead.

64.4828, -28.9772,
-18.0446

64.4828, -28.9772,
-18.0446

187.8155,
-48.1398, -18.3836

53.6414, -26.6059,
-17.7286

88.0717, -33.4988,
-18.4887

43.4855, -24.1321,
-17.3502

100.7531,
-35.6790, -18.6240

34.0664, -21.5214,
-16.9114

113.9906,
-37.8193, -18.7049

25.4469, -18.7215,
-16.4246

127.7619,
-39.9273, -18.7341

17.7096, -15.6461,
-15.9301

142.0471,
-42.0089, -18.7144

10.9695, -13.6467,
-15.5595

156.8282,

2.5375, -4.4407,

-44.0689, -18.6479

-40.0701

172.0892,
-46.1115, -18.5370

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.4828, -28.9772,
-18.0446

■ 64.4828, -28.9772,
-18.0446

■ 64.4821, -28.9759,
-18.0464

■ 65.3484, -29.4299,
-16.7613

■ 66.3465, -29.3706,
-15.2951

■ 67.5162, -28.6561,
-13.5974

■ 68.8726, -27.2383,
-11.6595

■ 70.4244, -25.0991,

-9.4844

■ 72.1756, -22.2441,
-7.0829

■ 74.1269, -18.6970,
-4.4715

■ 76.2758, -14.4951,
-1.6702

■ 78.6178, -9.6846,
1.2994

Harmonies

Analogous

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



64.4840, -33.9568, 0.5385



64.4828, -28.9772, -18.0446



64.4840, -17.1326, -33.3128

Triad

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



64.4840, -28.9770, -18.0436



64.4840, 30.4293, -11.6318



64.4840, -6.4681, 28.1436

Complementary

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



64.4828, -28.9772, -18.0446



38.1745, 61.5002, 24.5975

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.



64.4840, 11.4909, 26.5161



64.4828, -28.9772, -18.0446



64.4840, 34.0681, 6.3466

Square

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



64.4840, -28.9770, -18.0436



64.4840, 17.3376, -28.9658



64.4840, 26.8067, 19.5025



64.4840, -21.8875, 24.7656

Rectangle

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



64.4828, -28.9772, -18.0446



64.4840, -6.2984, -37.7927



64.4840, 26.8067, 19.5025



64.4840, -0.5394, 28.1515

Sweetspot

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



64.4840, -28.9770, -18.0436



91.2702, -23.2047, -5.6241



68.6607, -58.5892, 40.6598



41.7395, -11.6388, -3.2487

0.0000, NaN, NaN



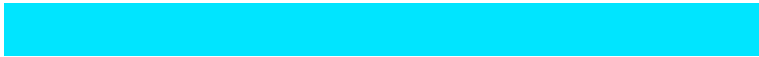
46.2646, -2.4686, 2.5136

Same Dimension

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



64.4840, -28.9770, -18.0436



79.3731, -35.5887, -22.3837



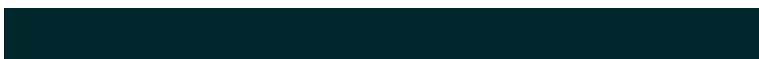
33.5021, 21.9281, -89.2060



37.2523, -4.4479, 0.6941



50.7499, -22.8749, -14.0526



12.7210, -5.9411, -3.0751

Inverse Universe

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



42.0904, 80.9076, -41.2715



51.8566, 99.6648, -50.6662



54.0674, 20.1720, 33.6677



35.5098, 2.6777, -0.8341



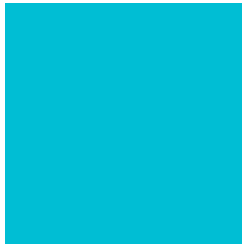
33.0831, 63.6192, -32.6021



8.1651, 15.7648, -8.5367

Previews

White Background



This preview shows how the HunterLab color 64.4828, -28.9772, -18.0446 looks on a white background.

Color Contrast Check

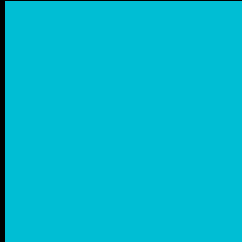
Large Text (above 18pt) WCAG AA × Fail

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 64.4828, -28.9772, -18.0446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

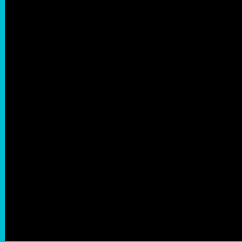
Any Text WCAG AA ✓ Pass

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 64.4828, -28.9772, -18.0446 Background



This preview shows how black text looks on a background with the HunterLab color 64.4828, -28.9772, -18.0446.



This preview shows how white text looks on a background with the HunterLab color 64.4828, -28.9772, -18.0446.

-28.9772, -18.0446.

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

64.4828, -28.9772, -18.0446

Protanopia

63.9794, 0.4537, -10.0784

Deuteranopia

63.9590, 4.8322, -21.3577



Tritanopia

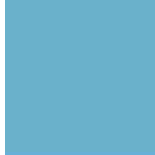
64.5893, -30.7548, -14.3404

Trichromacy



Original Color

64.4828, -28.9772, -18.0446



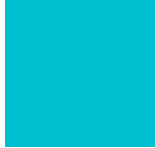
Protanomaly

62.3059, -16.0823, -15.6540



Deuteranomaly

62.3699, -13.2717, -22.9156



Tritanomaly

64.6650, -30.3084, -15.3986

Monochromacy



Original Color

64.4828, -28.9772, -18.0446



Achromatopsia

49.6187, -2.6475, 2.6959



Achromatomaly

53.3699, -18.0782, -6.4480

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.4828, -28.9772, -18.0446 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, 190, 212)` looks like.

```
.text, #text, p{  
    color:rgb(0, 190, 212)  
}
```

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, 190, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 190, 212) }
```

Border

The CSS property to change the border of an element to HunterLab 64.4828, -28.9772, -18.0446 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, 190, 212) }
```


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

```
.border{ border-color:rgb(0, 190, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 190, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 190, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 190, 212);  
box-shadow:4px 4px 4px 4px rgb(0, 190,  
212) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.4828, -28.9772, -18.0446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 190, 212) }
```

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

```
.background{ background-color: rgb(0, 190,  
212) }
```

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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