

# Converting Colors

HunterLab(63.9980, -28.4605,  
-18.5540)

Have a look what the booklet for  
HunterLab(63.9980, -28.4605,  
-18.5540) contains.

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# Color

**HunterLab(64.1472,  
-28.5517, -18.5436)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00BDD4
RGB	0, 189, 212
RGB Percent	0%, 74%, 83%
CMY	0.9998, 0.2588, 0.1686
CMYK	1.00, 0.11, 0.00, 0.17
HSL	187°, 100%, 42%
HSV	187°, 100%, 83%
XYZ	30.0812, 41.1486, 68.6444
YIQ	135.1110, -120.0270, -32.9150

# Conversions

## Conversions Part 2

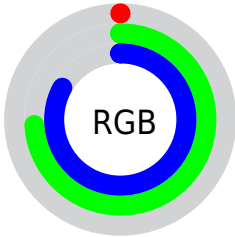
Format	Color
R <sub>YB</sub>	0, 100, 212
Decimal	48596
CIE Lab	70.28, -31.16, -22.73
CIE LCh	70, 38.568, 216.116
Yxy	41.1501, 0.2151, 0.2942
Android (android.graphics.Color)	4278238676 (0xFF00BDD4)
YUV	135.1110, 37.9063, -118.4923
Hunter-Lab	64.1472, -28.5517, -18.5436

# Details

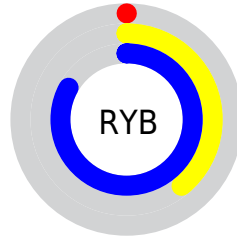
The HunterLab color **64.1472, -28.5517, -18.5436** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **38.2256, 61.3303, 24.6260**, and the grayscale version is **49.1611, -2.6231, 2.6710**.

A 20% lighter version of the original color is **87.2553, -36.4353, -11.1576**, and **44.4548, -18.5708, -15.4755** is the 20% darker color. If you saturate the color by 10%, you get **64.1463, -28.5502, -18.5456**, and if you desaturate by 10%, it is **65.0458, -29.0466, -17.2040**.

# Distribution



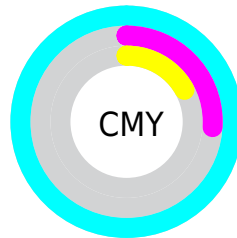
- Red (0%)
- Green (74%)
- Blue (83%)



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



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (26%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.1472, -28.5517, -18.5436 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 64.1472, -28.5517, -18.5436 by changing the saturation by 10% instead.



64.1472, -28.5517,  
-18.5436

64.1472, -28.5517,  
-18.5436

187.3360,  
-47.5219, -19.0202

53.3258, -26.2070,  
-18.2119

87.6993, -33.0242,  
-19.0196

43.1913, -23.7614,  
-17.8187

100.3635,  
-35.1816, -19.1707

33.7952, -21.1808,  
-17.3667

113.5847,  
-37.3000, -19.2672

25.2009, -18.4131,  
-16.8705

127.3403,  
-39.3868, -19.3119

17.4917, -15.3723,  
-16.3751

141.6103,  
-41.4481, -19.3072

10.7839, -13.5549,  
-16.0270

156.3767,

1.7636, -3.0864,

-43.4885, -19.2556

-58.7616

171.6235,  
-45.5120, -19.1593

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.1472, -28.5517,  
-18.5436

■ 64.1472, -28.5517,  
-18.5436

■ 64.1463, -28.5502,  
-18.5456

■ 65.0458, -29.0466,  
-17.2040

■ 66.0776, -29.0280,  
-15.6813

■ 67.2816, -28.3528,  
-13.9273

■ 68.6726, -26.9739,  
-11.9343

■ 70.2590, -24.8740,

-9.7057

■ 72.0447, -22.0595,  
-7.2532

■ 74.0300, -18.5549,  
-4.5939

■ 76.2122, -14.3977,  
-1.7481

■ 78.5866, -9.6345,  
1.2625

# Harmonies

## Analogous

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



64.1484, -33.7411, -0.0357



64.1472, -28.5517, -18.5436



64.1484, -16.5680, -33.4936

# Triad

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



64.1484, -28.5515, -18.5426



64.1484, 30.5627, -10.9664



64.1484, -6.9941, 27.9717

# Complementary

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



64.1472, -28.5517, -18.5436



38.2256, 61.3303, 24.6260

# 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.



64.1484, 10.8668, 26.5133



64.1472, -28.5517, -18.5436



64.1484, 33.8318, 6.8296

# Square

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



64.1484, -28.5515, -18.5426



64.1484, 17.7764, -28.3583



64.1484, 26.2821, 19.7236



64.1484, -22.1889, 24.4426



# Rectangle

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



64.1472, -28.5517, -18.5436



64.1484, -5.7036, -37.6735



64.1484, 26.2821, 19.7236



64.1484, -1.1166, 28.0319

# Sweetspot

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



64.1484, -28.5515, -18.5426



91.1493, -23.0279, -5.7770



68.6607, -58.5891, 40.6598



41.6753, -11.5466, -3.3309

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

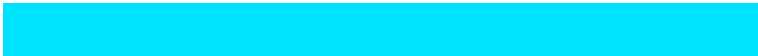


# Same Dimension

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



64.1484, -28.5515, -18.5426



78.9551, -35.0583, -23.0061



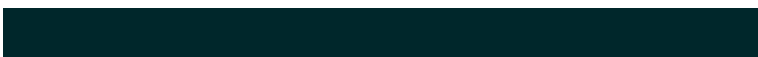
33.5023, 21.9277, -89.2054



37.2383, -4.4256, 0.6776



50.4898, -22.5456, -14.4385



12.6685, -5.8754, -3.1512



# Inverse Universe

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



42.0387, 80.7260, -40.5856



51.7922, 99.4389, -49.8127



54.0675, 20.1718, 33.6678



35.5083, 2.6698, -0.8131



33.0429, 63.4784, -32.0702



8.1568, 15.7360, -8.4280



# Previews

## White Background



This preview shows how the HunterLab color 64.1472, -28.5517, -18.5436 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

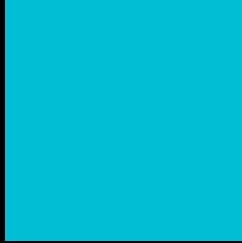
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 64.1472, -28.5517, -18.5436 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

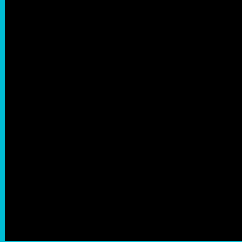
Any Text WCAG AA ✓ Pass

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 64.1472, -28.5517, -18.5436 Background



This preview shows how black text looks on a background with the HunterLab color 64.1472, -28.5517, -18.5436.



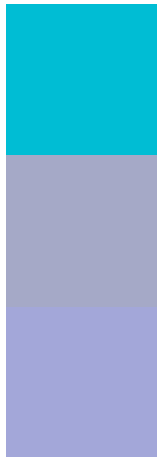
This preview shows how white text looks on a background with the HunterLab color 64.1472, -28.5517, -18.5436.

-28.5517, -18.5436.

# 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

64.1472, -28.5517, -18.5436

### Protanopia

63.6387, 0.8671, -11.1116

### Deuteranopia

63.5875, 5.0710, -21.9379



## Tritanopia

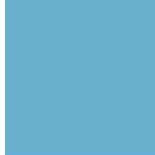
64.2142, -30.5586, -14.2950

# Trichromacy



## Original Color

64.1472, -28.5517, -18.5436



## Protanomaly

61.9787, -15.5816, -16.7304



## Deuteranomaly

62.0559, -12.7990, -23.4101



## Tritanomaly

64.3280, -29.8877, -15.8855

# Monochromacy



## Original Color

64.1472, -28.5517, -18.5436



## Achromatopsia

49.2221, -2.6264, 2.6743



## Achromatomaly

52.9769, -18.0101, -6.4508

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 64.1472, -28.5517, -18.5436 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(0, 189, 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, 189, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 189, 212) }
```

## Border

The CSS property to change the border of an element to HunterLab 64.1472, -28.5517, -18.5436 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, 212) }
```



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

```
.border{ border-color:rgb(0, 189, 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, 189, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 189, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 189, 212);  
box-shadow:4px 4px 4px 4px rgb(0, 189,  
212) }
```

# Background

The CSS property to change the background color of an element to HunterLab 64.1472, -28.5517, -18.5436 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, 212) }
```

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

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