

Converting Colors

HunterLab(62.3518, -28.5053,
-16.3996)

Have a look what the booklet for
HunterLab(62.3518, -28.5053,
-16.3996) contains.

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Color

**HunterLab(62.4960,
-28.6866, -16.1886)**

Conversions

Conversions Part 1

Format	Color
Hex	00B9CC
RGB	0, 185, 204
RGB Percent	0%, 73%, 80%
CMY	0.9998, 0.2745, 0.2000
CMYK	1.00, 0.09, 0.00, 0.20
HSL	186°, 100%, 40%
HSV	186°, 100%, 80%
XYZ	28.2480, 39.0575, 63.1767
YIQ	131.8510, -116.3590, -33.3110

Conversions

Conversions Part 2

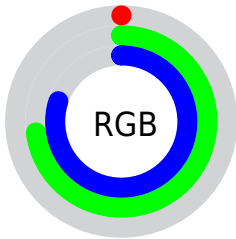
Format	Color
RYB	0, 97, 204
Decimal	47564
CIELab	68.79, -31.81, -20.62
CIELCh	69, 37.911, 212.945
Yxy	39.0589, 0.2165, 0.2993
Android (android.graphics.Color)	4278237644 (0xFF00B9CC)
YUV	131.8510, 35.5695, -115.6333
Hunter-Lab	62.4960, -28.6866, -16.1886

Details

The HunterLab color **62.4960, -28.6866, -16.1886** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **36.4757, 59.1745, 23.5101**, and the grayscale version is **47.8793, -2.5547, 2.6014**.

A 20% lighter version of the original color is **85.4831, -34.3009, -13.5449**, and **42.9355, -18.5080, -13.7123** is the 20% darker color. If you saturate the color by 10%, you get **62.4956, -28.6856, -16.1899**, and if you desaturate by 10%, it is **63.2554, -29.0131, -15.0764**.

Distribution



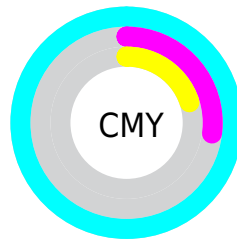
- Red (0%)
- Green (73%)
- Blue (80%)



- Red (0%)
- Yellow (38%)
- Blue (80%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.4960, -28.6866, -16.1886 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 62.4960, -28.6866, -16.1886 by changing the saturation by 10% instead.

62.4960, -28.6866,
-16.1886

62.4960, -28.6866,
-16.1886

184.9705,
-47.9786, -16.1536

51.7741, -26.2882,
-15.9126

85.8652, -33.2504,
-16.5495

41.7460, -23.7812,
-15.5718

98.4445, -35.4475,
-16.6426

32.4647, -21.1284,
-15.1665

111.5843,
-37.6028, -16.6813

23.9962, -18.2724,
-14.7067

125.2617,
-39.7241, -16.6685

16.4274, -15.1176,
-14.2282

139.4564,
-41.8176, -16.6070

9.8817, -14.6072,
-13.8594

154.1501,

0.0000, NaN, -NF

-43.8886, -16.4993

0.0000, NaN, -NF

169.3264,
-45.9411, -16.3474

0.0000, NaN, NaN

■ 62.4960, -28.6866,
-16.1886

■ 62.4960, -28.6866,
-16.1886

■ 62.4956, -28.6856,
-16.1899

■ 63.2554, -29.0131,
-15.0764

■ 64.1392, -28.8572,
-13.7913

■ 65.1858, -28.0783,
-12.2849

■ 66.4097, -26.6294,
-10.5478

■ 67.8198, -24.4921,
-8.5810

■ 69.4205, -21.6701,
-6.3936

■ 71.2129, -18.1848,
-4.0001

■ 73.1952, -14.0705,
-1.4185

■ 75.3634, -9.3708,
1.3311

Harmonies

Analogous

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



62.4971, -32.9934, 1.7677



62.4960, -28.6866, -16.1886



62.4971, -17.6485, -31.5023

Triad

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



62.4971, -28.6865, -16.1876



62.4971, 28.8438, -12.6242



62.4971, -5.0243, 27.3304

Complementary

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



62.4960, -28.6866, -16.1886



36.4757, 59.1745, 23.5101

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.



62.4971, 12.3884, 25.3958



62.4960, -28.6866, -16.1886



62.4971, 33.1440, 4.9931

Square

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



62.4971, -28.6865, -16.1876



62.4971, 15.6367, -29.0851



62.4971, 26.8307, 18.1771



62.4971, -20.2884, 24.4253

Rectangle

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



62.4960, -28.6866, -16.1886



62.4971, -7.3390, -36.4510



62.4971, 26.8307, 18.1771



62.4971, 0.7662, 27.2224

Sweetspot

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



62.4971, -28.6865, -16.1876



91.5432, -23.6030, -5.2795



65.7473, -56.1568, 39.0504



41.8844, -11.8466, -3.0635

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



62.4971, -28.6865, -16.1876



80.3182, -36.7812, -20.9907



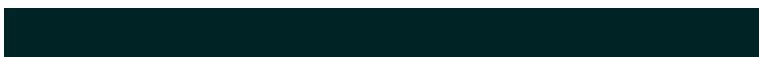
32.9560, 18.9692, -82.1365



35.4138, -4.2591, 0.7019



49.6547, -22.8505, -12.7365



11.5121, -5.4817, -2.5556

Inverse Universe

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



40.4244, 77.8871, -41.0485



52.0033, 100.1783, -52.6050



51.0252, 20.9065, 31.8060



33.7417, 2.5337, -0.8208



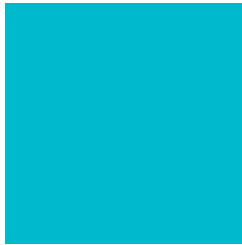
32.0812, 61.8349, -32.7178



7.3235, 14.1734, -7.9161

Previews

White Background



This preview shows how the HunterLab color 62.4960, -28.6866, -16.1886 looks on a white background.

Color Contrast Check

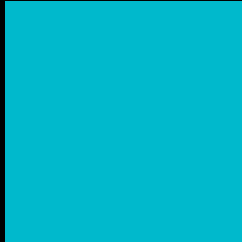
Large Text (above 18pt) WCAG AA × Fail

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 62.4960, -28.6866, -16.1886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

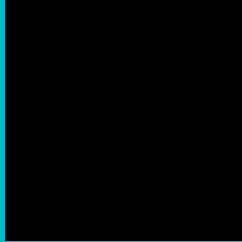
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

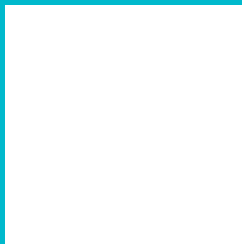
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 62.4960, -28.6866, -16.1886 Background



This preview shows how black text looks on a background with the HunterLab color 62.4960, -28.6866, -16.1886.



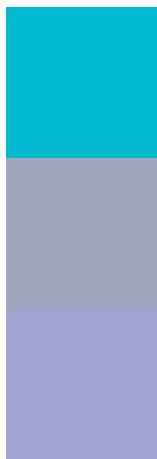
This preview shows how white text looks on a background with the HunterLab color 62.4960,

-28.6866, -16.1886.

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

62.4960, -28.6866, -16.1886

Protanopia

61.9300, 0.4559, -9.0201

Deuteranopia

61.9475, 4.8446, -19.4773

Trichromacy



Original Color

62.4960, -28.6866, -16.1886

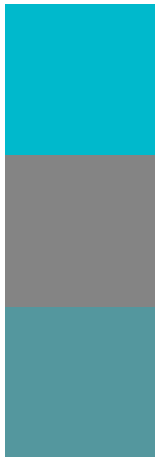
Protanomaly

60.3110, -15.8373, -14.4544

Deuteranomaly

60.3785, -13.1141, -20.9920

Monochromacy



Original Color

62.4960, -28.6866, -16.1886

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

51.4652, -17.5950, -5.8614

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.4960, -28.6866, -16.1886 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, 185, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 185, 204)  
}
```

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, 185, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 185, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 62.4960, -28.6866, -16.1886 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, 185, 204) }
```

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

```
.border{ border-color:rgb(0, 185, 204) }
```

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

Here you see how a box with a 4 pixel rgb(0, 185, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 185, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 185, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 185,  
204) }
```


Background

The CSS property to change the background color of an element to HunterLab 62.4960, -28.6866, -16.1886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 185, 204) }
```

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

```
.background{ background-color: rgb(0, 185,  
204) }
```

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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