

Converting Colors

HunterLab(60.2828, -41.0216,
-24.5760)

Have a look what the booklet for
HunterLab(60.2828, -41.0216,
-24.5760) contains.

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Color

**HunterLab(63.4776,
-27.6985, -19.5485)**

Conversions

Conversions Part 1

Format	Color
Hex	00BBD4
RGB	0, 187, 212
RGB Percent	0%, 73%, 83%
CMY	0.9998, 0.2667, 0.1686
CMYK	1.00, 0.12, 0.00, 0.17
HSL	187°, 100%, 42%
HSV	187°, 100%, 83%
XYZ	29.6539, 40.2941, 68.5019
YIQ	133.9370, -119.4770, -31.8690

Conversions

Conversions Part 2

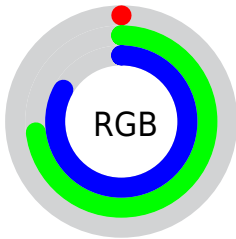
Format	Color
RYB	0, 99, 212
Decimal	48084
CIELab	69.68, -30.18, -23.65
CIELCh	70, 38.347, 218.080
Yxy	40.2955, 0.2142, 0.2910
Android (android.graphics.Color)	4278238164 (0xFF00BBD4)
YUV	133.9370, 38.4851, -117.4627
Hunter-Lab	63.4776, -27.6985, -19.5485

Details

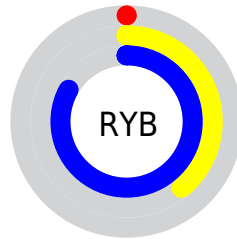
The HunterLab color $63.4776, -27.6985, -19.5485$ is a dark color, and the websafe version is hex $33CCCC$. The color can be described as middle washed azure. A complement of this color would be $38.3335, 60.9729, 24.6862$, and the grayscale version is $48.6938, -2.5982, 2.6456$.

A 20% lighter version of the original color is $86.5590, -35.5295, -12.0879$, and $43.8285, -17.7545, -16.4550$ is the 20% darker color. If you saturate the color by 10%, you get $63.4766, -27.6968, -19.5507$, and if you desaturate by 10%, it is $64.4419, -28.2783, -18.0946$.

Distribution



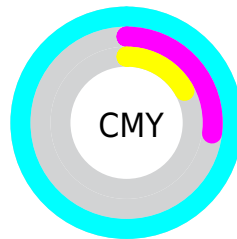
- Red (0%)
- Green (73%)
- Blue (83%)



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



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.4776, -27.6985, -19.5485 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 63.4776, -27.6985, -19.5485 by changing the saturation by 10% instead.

63.4776, -27.6985,
-19.5485

63.4776, -27.6985,
-19.5485

186.3780,
-46.2809, -20.2981

52.6963, -25.4074,
-19.1863

86.9559, -32.0719,
-20.0873

42.6047, -23.0188,
-18.7643

99.5858, -34.1832,
-20.2697

33.2549, -20.4990,
-18.2875

112.7742,
-36.2574, -20.3972

24.7113, -17.7967,
-17.7750

126.4982,
-38.3018, -20.4724

17.0585, -14.8263,
-17.2827

140.7378,
-40.3221, -20.4979

10.4158, -13.4010,
-16.9902

155.4748,

0.0000, NaN, -NF

-42.3230, -20.4759

0.0000, NaN, -NF

170.6932,
-44.3082, -20.4086

0.0000, NaN, NaN

■ 63.4776, -27.6985,
-19.5485

■ 63.4776, -27.6985,
-19.5485

■ 63.4766, -27.6968,
-19.5507

■ 64.4419, -28.2783,
-18.0946

■ 65.5408, -28.3414,
-16.4577

■ 66.8131, -27.7454,
-14.5903

■ 68.2731, -26.4446,
-12.4859

■ 69.9286, -24.4237,
-10.1498

■ 71.7830, -21.6905,
-7.5949

■ 73.8361, -18.2709,
-4.8394

■ 76.0848, -14.2033,
-1.9043

■ 78.5239, -9.5349,
1.1881

Harmonies

Analogous

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



63.4787, -33.3080, -1.1962



63.4776, -27.6985, -19.5485



63.4787, -15.4350, -33.8534

Triad

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



63.4787, -27.6983, -19.5475



63.4787, 30.8269, -9.6499



63.4787, -8.0376, 27.6271

Complementary

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



63.4776, -27.6985, -19.5485



38.3335, 60.9729, 24.6862

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.



63.4787, 9.6250, 26.5043



63.4776, -27.6985, -19.5485



63.4787, 33.3564, 7.7795

Square

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



63.4787, -27.6983, -19.5475



63.4787, 18.6544, -27.1479



63.4787, 25.2341, 20.1553



63.4787, -22.7851, 23.7926

Rectangle

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



63.4776, -27.6985, -19.5485



63.4787, -4.5103, -37.4311



63.4787, 25.2341, 20.1553



63.4787, -2.2628, 27.7915

Sweetspot

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



63.4787, -27.6983, -19.5475



90.9076, -22.6741, -6.0833



68.6710, -58.5243, 40.5070



41.5471, -11.3620, -3.4956

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.4787, -27.6983, -19.5475



78.1214, -33.9950, -24.2594



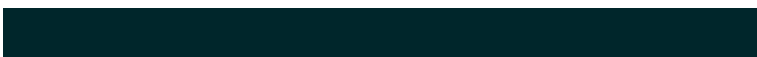
32.6847, 23.8959, -92.4321



37.2104, -4.3810, 0.6445



49.9711, -21.8853, -15.2153



12.5636, -5.7438, -3.3042

Inverse Universe

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



41.9359, 80.3657, -39.2234



51.6644, 98.9908, -48.1177



54.9213, 18.4053, 34.1630



35.5054, 2.6539, -0.7711



32.9632, 63.1990, -31.0137



8.1404, 15.6786, -8.2117

Previews

White Background



This preview shows how the HunterLab color 63.4776, -27.6985, -19.5485 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 63.4776, -27.6985, -19.5485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

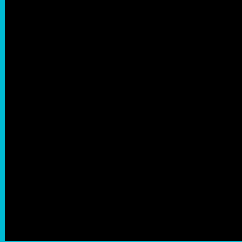
Any Text WCAG AA ✓ Pass

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 63.4776, -27.6985, -19.5485 Background



This preview shows how black text looks on a background with the HunterLab color 63.4776, -27.6985, -19.5485.



This preview shows how white text looks on a background with the HunterLab color 63.4776, -27.6985, -19.5485.

-27.6985, -19.5485.

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

63.4776, -27.6985, -19.5485

Protanopia

63.1786, 0.7997, -11.7628

Deuteranopia

63.0522, 4.7605, -22.7929



Tritanopia

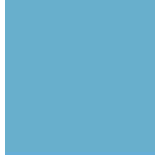
63.4651, -30.1669, -14.2042

Trichromacy



Original Color

63.4776, -27.6985, -19.5485



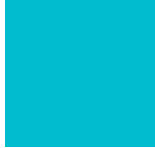
Protanomaly

61.6138, -15.2974, -17.2738



Deuteranomaly

61.6467, -12.6730, -24.0677



Tritanomaly

63.5788, -29.4968, -15.7930

Monochromacy



Original Color

63.4776, -27.6985, -19.5485



Achromatopsia

48.8260, -2.6052, 2.6528



Achromatomaly

52.2708, -17.5100, -6.8701

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.4776, -27.6985, -19.5485 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, 187, 212)` looks like.

```
.text, #text, p{  
    color:rgb(0, 187, 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, 187, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 187, 212) }
```

Border

The CSS property to change the border of an element to HunterLab 63.4776, -27.6985, -19.5485 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, 187, 212) }
```


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

```
.border{ border-color:rgb(0, 187, 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, 187, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 187, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 187, 212);  
box-shadow:4px 4px 4px 4px rgb(0, 187,  
212) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.4776, -27.6985, -19.5485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 187, 212) }
```

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

```
.background{ background-color: rgb(0, 187,  
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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