

Converting Colors

HunterLab(42.5228, -17.4912,
-17.6885)

Have a look what the booklet for
HunterLab(42.5228, -17.4912,
-17.6885) contains.

HunterLab(42.8551, -16.7527, -17.4007)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(42.8551,
-16.7527, -17.4007)**

Conversions

Conversions Part 1

Format	Color
Hex	00829C
RGB	0, 130, 156
RGB Percent	0%, 51%, 61%
CMY	0.9999, 0.4902, 0.3882
CMYK	1.00, 0.17, 0.00, 0.39
HSL	190°, 100%, 31%
HSV	190°, 100%, 61%
XYZ	13.9834, 18.3656, 34.2604
YIQ	94.0940, -85.8260, -19.4740

Conversions

Conversions Part 2

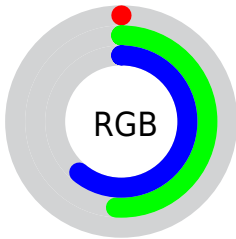
Format	Color
RYB	0, 71, 156
Decimal	33436
CIELab	49.94, -20.25, -22.35
CIELCh	50, 30.161, 227.812
Yxy	18.3662, 0.2099, 0.2757
Android (android.graphics.Color)	4278223516 (0xFF00829C)
YUV	94.0940, 30.5197, -82.5204
Hunter-Lab	42.8551, -16.7527, -17.4007

Details

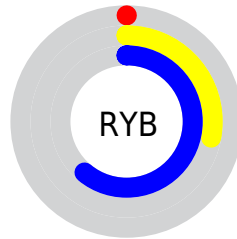
The HunterLab color **42.8551, -16.7527, -17.4007** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **27.9429, 41.0474, 17.9352**, and the grayscale version is **33.4078, -1.7826, 1.8151**.

A 20% lighter version of the original color is **63.7533, -19.9686, -18.3786**, and **25.9947, -8.2833, -14.6099** is the 20% darker color. If you saturate the color by 10%, you get **42.8542, -16.7514, -17.4026**, and if you desaturate by 10%, it is **43.7876, -17.3505, -15.9103**.

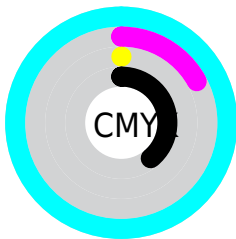
Distribution



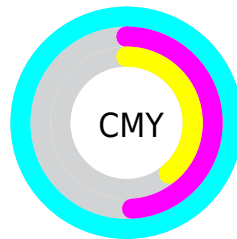
- Red (0%)
- Green (51%)
- Blue (61%)



- Red (0%)
- Yellow (28%)
- Blue (61%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (49%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8551, -16.7527, -17.4007 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 42.8551, -16.7527, -17.4007 by changing the saturation by 10% instead.

■ 42.8551, -16.7527,
-17.4007

■ 42.8551, -16.7527,
-17.4007

■ 155.8613,
-31.5172, -18.7497

■ 33.4862, -14.9372,
-16.9556

■ 63.7655, -20.1997,
-18.1058

■ 24.9208, -13.0241,
-16.4654

■ 75.2133, -21.8646,
-18.3646

■ 17.2438, -10.9620,
-15.9729

■ 87.2743, -23.5041,
-18.5632

■ 10.5731, -9.1975,
-15.6227

■ 99.9190, -25.1254,
-18.7043

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 113.1214,
-26.7337, -18.7908

0.0000, NaN, NaN

■ 126.8590,

0.0000, NaN, NaN

-28.3330, -18.8256

0.0000, NaN, NaN

141.1116,
-29.9267, -18.8111

■ 42.8551, -16.7527,
-17.4007

■ 42.8551, -16.7527,
-17.4007

■ 42.8542, -16.7514,
-17.4026

■ 43.7876, -17.3505,
-15.9103

■ 44.8104, -17.6106,
-14.3126

■ 45.9576, -17.4061,
-12.5633

■ 47.2362, -16.7163,
-10.6650

■ 48.6490, -15.5394,
-8.6274

■ 50.1959, -13.8880,
-6.4639

■ 51.8748, -11.7845,
-4.1901

■ 53.6822, -9.2582,
-1.8219

■ 55.6133, -6.3420,
0.6253

Harmonies

Analogous

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



42.8559, -22.1754, -4.9644



42.8551, -16.7527, -17.4007



42.8559, -7.0671, -25.2545

Triad

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



42.8559, -16.7525, -17.4000



42.8559, 22.7649, -2.5812



42.8559, -9.1424, 18.4475

Complementary

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



42.8551, -16.7527, -17.4007



27.9429, 41.0474, 17.9352

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.



42.8559, 2.7081, 18.7571



42.8551, -16.7527, -17.4007



42.8559, 22.0505, 8.5367

Square

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



42.8559, -16.7525, -17.4000



42.8559, 16.2461, -15.2459



42.8559, 14.3902, 15.6511



42.8559, -18.1269, 14.6422

Rectangle

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



42.8551, -16.7527, -17.4007



42.8559, 0.9030, -25.7187



42.8559, 14.3902, 15.6511



42.8559, -5.3902, 18.9165

Sweetspot

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



42.8559, -16.7525, -17.4000



69.7678, -16.0720, -5.8382



48.8386, -41.3322, 28.1825



32.3054, -8.0842, -3.3054



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



42.8559, -16.7525, -17.4000



57.5390, -22.2904, -23.8002



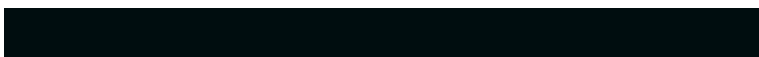
22.0412, 19.9797, -70.6755



27.0576, -2.9680, 0.3909



38.9487, -15.2765, -15.7050



5.6289, -2.5847, -1.4561

Inverse Universe

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



29.4624, 55.9205, -23.3676



39.6730, 75.2561, -31.0677



41.1955, 8.7701, 25.5368



25.9530, 1.7410, -0.3288



26.7463, 50.7832, -21.3163



3.6402, 7.0146, -3.6989

Previews

White Background



This preview shows how the HunterLab color 42.8551, -16.7527, -17.4007 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 42.8551, -16.7527, -17.4007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

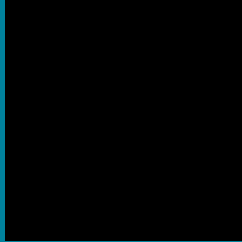
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 42.8551, -16.7527, -17.4007 Background



This preview shows how black text looks on a background with the HunterLab color 42.8551, -16.7527, -17.4007.



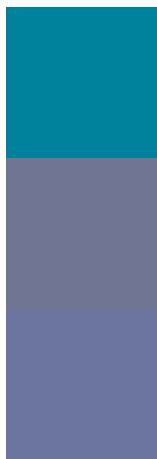
This preview shows how white text looks on a background with the HunterLab color 42.8551, -16.7527, -17.4007.

-16.7527, -17.4007.

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

42.8551, -16.7527, -17.4007

Protanopia

42.6716, 1.3874, -12.0357

Deuteranopia

42.8387, 2.8791, -18.9499



Tritanopia

42.9599, -20.6086, -9.2081

Trichromacy



Original Color

42.8551, -16.7527, -17.4007

Protanomaly

41.7860, -8.7794, -15.3465

Deuteranomaly

41.9722, -7.4689, -19.9622

Tritanomaly

42.8243, -19.1605, -12.1646

Monochromacy



Original Color

42.8551, -16.7527, -17.4007

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

35.7217, -10.8841, -6.1124

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.8551, -16.7527, -17.4007 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, 130, 156)` looks like.

```
.text, #text, p{  
    color:rgb(0, 130, 156)  
}
```

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, 130, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 130, 156) }
```

Border

The CSS property to change the border of an element to HunterLab 42.8551, -16.7527, -17.4007 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, 130, 156) }
```


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

```
.border{ border-color:rgb(0, 130, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 130, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 130, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 130, 156);  
box-shadow:4px 4px 4px 4px rgb(0, 130,  
156) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.8551, -16.7527, -17.4007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 130, 156) }
```

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

```
.background{ background-color: rgb(0, 130,  
156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor