

Converting Colors

HunterLab(42.3779, -16.9641,
-16.3480)

Have a look what the booklet for
HunterLab(42.3779, -16.9641,
-16.3480) contains.

HunterLab(42.4269, -17.0286, -16.2702)	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(42.4269,
-17.0286, -16.2702)**

Conversions

Conversions Part 1

Format	Color
Hex	008199
RGB	0, 129, 153
RGB Percent	0%, 51%, 60%
CMY	0.9999, 0.4941, 0.4000
CMYK	1.00, 0.16, 0.00, 0.40
HSL	189°, 100%, 30%
HSV	189°, 100%, 60%
XYZ	13.6000, 18.0004, 32.8946
YIQ	93.1650, -84.5880, -19.8840

Conversions

Conversions Part 2

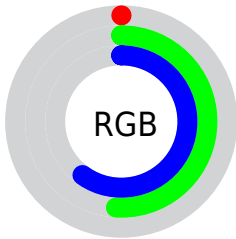
Format	Color
RYB	0, 70, 153
Decimal	33177
CIELab	49.50, -20.79, -21.27
CIELCh	49, 29.748, 225.655
Yxy	18.0011, 0.2109, 0.2791
Android (android.graphics.Color)	4278223257 (0xFF008199)
YUV	93.1650, 29.4987, -81.7057
Hunter-Lab	42.4269, -17.0286, -16.2702

Details

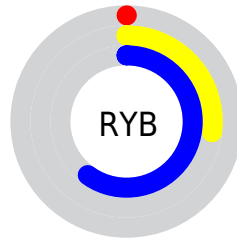
The HunterLab color **42.4269, -17.0286, -16.2702** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **27.2518, 40.5004, 17.5000**, and the grayscale version is **33.0657, -1.7643, 1.7965**.

A 20% lighter version of the original color is **63.2354, -20.5560, -16.7429**, and **25.5955, -8.5679, -13.4965** is the 20% darker color. If you saturate the color by 10%, you get **42.4264, -17.0276, -16.2715**, and if you desaturate by 10%, it is **43.2955, -17.5424, -14.8995**.

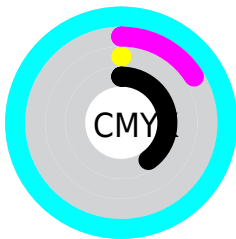
Distribution



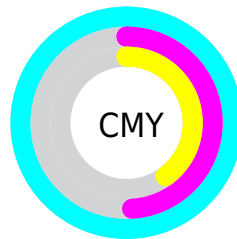
- Red (0%)
- Green (51%)
- Blue (60%)



- Red (0%)
- Yellow (27%)
- Blue (60%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.4269, -17.0286, -16.2702 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 42.4269, -17.0286, -16.2702 by changing the saturation by 10% instead.

42.4269, -17.0286,
-16.2702

42.4269, -17.0286,
-16.2702

155.2021,
-32.0437, -17.3458

33.0919, -15.1723,
-15.8506

63.2765, -20.5454,
-16.9167

24.5636, -13.2122,
-15.3797

74.6965, -22.2409,
-17.1447

16.9281, -11.0940,
-14.8946

86.7312, -23.9091,
-17.3121

10.3052, -9.5164,
-14.5251

99.3508, -25.5572,
-17.4221

0.0000, NaN, -NF

0.0000, NaN, -NF

112.5292,
-27.1909, -17.4778

0.0000, NaN, NaN

126.2436,

0.0000, NaN, NaN

-28.8144, -17.4818

0.0000, NaN, NaN

140.4740,
-30.4311, -17.4371

■ 42.4269, -17.0286,
-16.2702

■ 42.4269, -17.0286,
-16.2702

■ 42.4264, -17.0276,
-16.2715

■ 43.2955, -17.5424,
-14.8995

■ 44.2504, -17.7314,
-13.4238

■ 45.3260, -17.4687,
-11.7983

■ 46.5291, -16.7331,
-10.0247

■ 47.8630, -15.5218,
-8.1113

■ 49.3279, -13.8461,
-6.0706

■ 50.9222, -11.7271,
-3.9170

■ 52.6425, -9.1926,
-1.6659

■ 54.4846, -6.2745,
0.6679

Harmonies

Analogous

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



42.4276, -22.0286, -3.9564



42.4269, -17.0286, -16.2702



42.4276, -7.7580, -24.4686

Triad

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



42.4276, -17.0284, -16.2695



42.4276, 22.1059, -3.4113



42.4276, -8.2332, 18.3124

Complementary

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



42.4269, -17.0286, -16.2702



27.2518, 40.5004, 17.5000

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.



42.4276, 3.5202, 18.3835



42.4269, -17.0286, -16.2702



42.4276, 21.9426, 7.7449

Square

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



42.4276, -17.0284, -16.2695



42.4276, 15.2635, -15.7774



42.4276, 14.8391, 15.0561



42.4276, -17.3433, 14.8245

Rectangle

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



42.4269, -17.0286, -16.2702



42.4276, -0.0008, -25.3710



42.4276, 14.8391, 15.0561



42.4276, -4.4849, 18.6965

Sweetspot

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



42.4276, -17.0284, -16.2695



68.0112, -15.8822, -5.4210



47.7961, -40.5232, 27.7387



31.5650, -8.0018, -3.0750



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



42.4276, -17.0284, -16.2695



56.5794, -22.5279, -22.0881



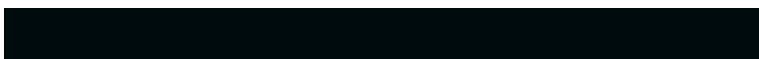
22.1317, 18.1234, -66.7822



26.1944, -2.8952, 0.4067



38.6214, -15.5473, -14.7112



5.1192, -2.4079, -1.2005

Inverse Universe

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



28.9100, 54.9874, -23.8181



38.6579, 73.4866, -31.4833



39.7281, 9.7444, 24.6499



25.1137, 1.6792, -0.3383



26.2890, 50.0184, -21.7546



3.2751, 6.3289, -3.4661

Previews

White Background



This preview shows how the HunterLab color 42.4269, -17.0286, -16.2702 looks on a white 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

Black Background



This preview shows how the HunterLab color 42.4269, -17.0286, -16.2702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

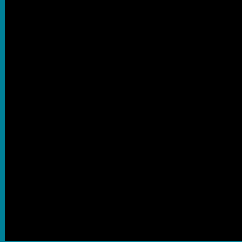
Any Text WCAG AA ✓ Pass

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 42.4269, -17.0286, -16.2702 Background



This preview shows how black text looks on a background with the HunterLab color 42.4269, -17.0286, -16.2702.



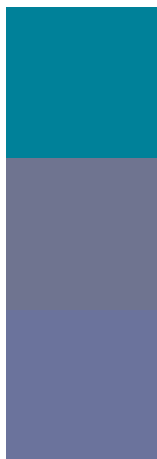
This preview shows how white text looks on a background with the HunterLab color 42.4269, -17.0286, -16.2702.

-17.0286, -16.2702.

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

42.4269, -17.0286, -16.2702

Protanopia

42.2894, 1.2736, -10.9119

Deuteranopia

42.1753, 3.2001, -18.1716



Tritanopia

42.2946, -20.0353, -9.6142

Trichromacy



Original Color

42.4269, -17.0286, -16.2702

Protanomaly

41.3774, -8.9853, -14.2143

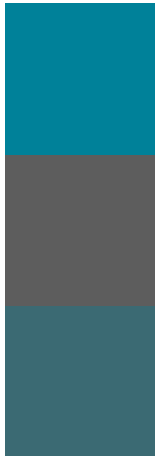
Deuteranomaly

41.2655, -7.2575, -19.2549

Tritanomaly

42.4377, -19.1927, -11.6119

Monochromacy



Original Color

42.4269, -17.0286, -16.2702

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

35.3209, -11.0113, -5.6546

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.4269, -17.0286, -16.2702 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, 129, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 129, 153)  
}
```

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, 129, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 129, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 42.4269, -17.0286, -16.2702 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, 129, 153) }
```


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

```
.border{ border-color:rgb(0, 129, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 129, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 129, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 129, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 129,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.4269, -17.0286, -16.2702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 129, 153) }
```

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

```
.background{ background-color: rgb(0, 129,  
153) }
```

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