

Converting Colors

HunterLab(42.8000, -17.5172,
-15.6816)

Have a look what the booklet for
HunterLab(42.8000, -17.5172,
-15.6816) contains.

HunterLab(42.7378, -17.4359, -15.7794)	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(42.7378,
-17.4359, -15.7794)**

Conversions

Conversions Part 1

Format	Color
Hex	008299
RGB	0, 130, 153
RGB Percent	0%, 51%, 60%
CMY	0.9999, 0.4902, 0.4000
CMYK	1.00, 0.15, 0.00, 0.40
HSL	189°, 100%, 30%
HSV	189°, 100%, 60%
XYZ	13.7324, 18.2652, 32.9388
YIQ	93.7520, -84.8630, -20.4070

Conversions

Conversions Part 2

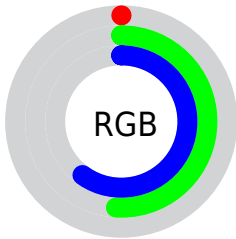
Format	Color
RYB	0, 70, 153
Decimal	33433
CIELab	49.82, -21.32, -20.78
CIELCh	50, 29.777, 224.263
Yxy	18.2658, 0.2115, 0.2813
Android (android.graphics.Color)	4278223513 (0xFF008299)
YUV	93.7520, 29.2093, -82.2205
Hunter-Lab	42.7378, -17.4359, -15.7794

Details

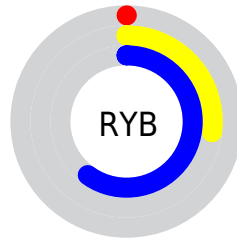
The HunterLab color **42.7378, -17.4359, -15.7794** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **27.1775, 40.7388, 17.4583**, and the grayscale version is **33.2849, -1.7760, 1.8084**.

A 20% lighter version of the original color is **63.5596, -21.0057, -16.2687**, and **25.8778, -8.9560, -13.0116** is the 20% darker color. If you saturate the color by 10%, you get **42.7372, -17.4349, -15.7808**, and if you desaturate by 10%, it is **43.5762, -17.9090, -14.4672**.

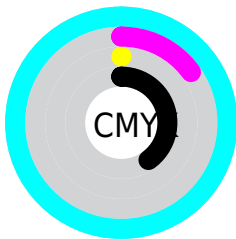
Distribution



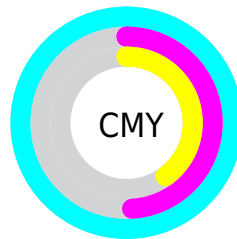
- Red (0%)
- Green (51%)
- Blue (60%)



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



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.7378, -17.4359, -15.7794 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 42.7378, -17.4359, -15.7794 by changing the saturation by 10% instead.

42.7378, -17.4359,
-15.7794

42.7378, -17.4359,
-15.7794

155.6808,
-32.6836, -16.7015

33.3782, -15.5455,
-15.3751

63.6316, -21.0140,
-16.3915

24.8229, -13.5483,
-14.9162

75.0718, -22.7375,
-16.6018

17.1572, -11.3892,
-14.4347

87.1256, -24.4322,
-16.7517

10.4996, -9.6631,
-14.0456

99.7634, -26.1056,
-16.8443

0.0000, NaN, -NF

0.0000, NaN, -NF

112.9593,
-27.7635, -16.8828

0.0000, NaN, NaN

126.6905,

0.0000, NaN, NaN

-29.4102, -16.8701

0.0000, NaN, NaN

140.9370,
-31.0493, -16.8089

■ 42.7378, -17.4359,
-15.7794

■ 42.7378, -17.4359,
-15.7794

■ 42.7372, -17.4349,
-15.7808

■ 43.5762, -17.9090,
-14.4672

■ 44.5002, -18.0588,
-13.0490

■ 45.5441, -17.7581,
-11.4801

■ 46.7154, -16.9849,
-9.7612

■ 48.0172, -15.7357,
-7.9001

■ 49.4503, -14.0210,
-5.9086

■ 51.0130, -11.8613,
-3.8009

■ 52.7024, -9.2842,
-1.5920

■ 54.5142, -6.3212,
0.7031

Harmonies

Analogous

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



42.7386, -22.2365, -3.3780



42.7378, -17.4359, -15.7794



42.7386, -8.3009, -24.3038

Triad

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



42.7386, -17.4357, -15.7787



42.7386, 21.9887, -3.9939



42.7386, -7.7636, 18.4770

Complementary

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



42.7378, -17.4359, -15.7794



27.1775, 40.7388, 17.4583

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.



42.7386, 4.0880, 18.3964



42.7378, -17.4359, -15.7794



42.7386, 22.1732, 7.3389

Square

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



42.7386, -17.4357, -15.7787



42.7386, 14.8490, -16.3343



42.7386, 15.3285, 14.8788



42.7386, -17.0795, 15.1410

Rectangle

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



42.7378, -17.4359, -15.7794



42.7386, -0.5724, -25.4955



42.7386, 15.3285, 14.8788



42.7386, -3.9666, 18.8125

Sweetspot

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



42.7386, -17.4357, -15.7787



68.1350, -16.0656, -5.2623



47.7961, -40.5231, 27.7386



31.6308, -8.0979, -2.9896



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.



42.7386, -17.4357, -15.7787



57.0031, -23.0844, -21.4164



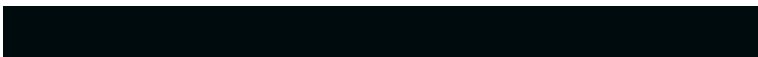
22.1320, 18.1228, -66.7810



26.2074, -2.9161, 0.4221



38.9019, -15.9146, -14.2690



5.1376, -2.4308, -1.1741

Inverse Universe

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



28.9563, 55.1498, -24.4358



38.7206, 73.7078, -32.3238



39.7283, 9.7442, 24.6499



25.1151, 1.6865, -0.3578



26.3307, 50.1653, -22.3126



3.2780, 6.3391, -3.5044

Previews

White Background



This preview shows how the HunterLab color 42.7378, -17.4359, -15.7794 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 42.7378, -17.4359, -15.7794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

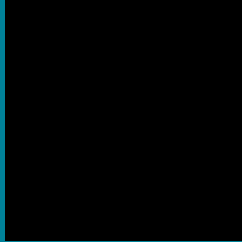
Any Text WCAG AA ✓ Pass

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 42.7378, -17.4359, -15.7794 Background



This preview shows how black text looks on a background with the HunterLab color 42.7378, -17.4359, -15.7794.



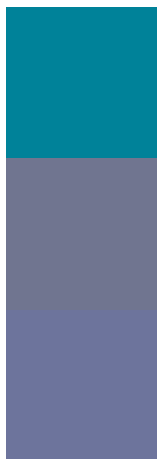
This preview shows how white text looks on a background with the HunterLab color 42.7378, -17.4359, -15.7794.

-17.4359, -15.7794.

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

42.7378, -17.4359, -15.7794

Protanopia

42.6391, 1.0590, -10.3967

Deuteranopia

42.5938, 3.2112, -17.4792



Tritanopia

42.6446, -20.2182, -9.6567

Trichromacy



Original Color

42.7378, -17.4359, -15.7794

Protanomaly

41.6716, -9.4246, -13.7615

Deuteranomaly

41.6011, -7.5481, -18.6938

Tritanomaly

42.7878, -19.3750, -11.6558

Monochromacy



Original Color

42.7378, -17.4359, -15.7794

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

35.6565, -11.2581, -5.1959

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.7378, -17.4359, -15.7794 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 130, 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, 130, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 130, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 42.7378, -17.4359, -15.7794 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, 153) }
```


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

```
.border{ border-color:rgb(0, 130, 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, 130, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 130, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 130, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 130,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.7378, -17.4359, -15.7794 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, 153) }
```

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

```
.background{ background-color: rgb(0, 130,  
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](#).

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