

Converting Colors

HunterLab(46.8770, -18.6507,
-21.6705)

Have a look what the booklet for
HunterLab(46.8770, -18.6507,
-21.6705) contains.

HunterLab(47.2897, -17.7739, -20.7392)	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(47.2897,
-17.7739, -20.7392)**

Conversions

Conversions Part 1

Format	Color
Hex	008EAD
RGB	0, 142, 173
RGB Percent	0%, 56%, 68%
CMY	0.9999, 0.4431, 0.3216
CMYK	1.00, 0.18, 0.00, 0.32
HSL	191°, 100%, 34%
HSV	191°, 100%, 68%
XYZ	17.2159, 22.3632, 42.9444
YIQ	103.0760, -94.5830, -20.4630

Conversions

Conversions Part 2

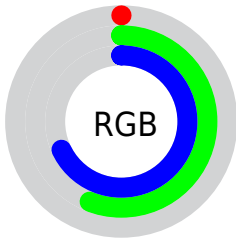
Format	Color
RYB	0, 78, 173
Decimal	36525
CIELab	54.41, -20.59, -25.27
CIELCh	54, 32.600, 230.829
Yxy	22.3639, 0.2086, 0.2710
Android (android.graphics.Color)	4278226605 (0xFF008EAD)
YUV	103.0760, 34.4725, -90.3977
Hunter-Lab	47.2897, -17.7739, -20.7392

Details

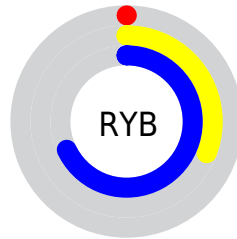
The HunterLab color **47.2897, -17.7739, -20.7392** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **31.4103, 45.7594, 20.1542**, and the grayscale version is **36.7609, -1.9615, 1.9973**.

A 20% lighter version of the original color is **68.8566, -21.2215, -21.7721**, and **30.0579, -9.3786, -17.3240** is the 20% darker color. If you saturate the color by 10%, you get **47.2885, -17.7720, -20.7418**, and if you desaturate by 10%, it is **48.3958, -18.5935, -18.9396**.

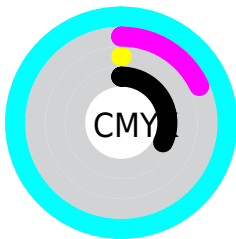
Distribution



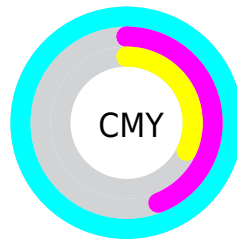
- Red (0%)
- Green (56%)
- Blue (68%)



- Red (0%)
- Yellow (31%)
- Blue (68%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (44%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.2897, -17.7739, -20.7392 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 47.2897, -17.7739, -20.7392 by changing the saturation by 10% instead.

47.2897, -17.7739,
-20.7392

47.2897, -17.7739,
-20.7392

162.6164,
-32.6079, -22.6383

37.5827, -15.9693,
-20.2481

68.8090, -21.2199,
-21.5534

28.6485, -14.0801,
-19.7205

80.5351, -22.8902,
-21.8721

20.5619, -12.0652,
-19.1993

92.8607, -24.5377,
-22.1326

13.4233, -9.8518,
-18.8111

105.7578,
-26.1685, -22.3368

6.9881, -12.2291,
-20.6359

119.2023,
-27.7876, -22.4871

0.0000, NaN, -NF

0.0000, NaN, NaN

133.1726,

-29.3986, -22.5860

0.0000, NaN, NaN

147.6497,
-31.0046, -22.6356

0.0000, NaN, NaN

■ 47.2897, -17.7739,
-20.7392

■ 47.2897, -17.7739,
-20.7392

■ 47.2885, -17.7720,
-20.7418

■ 48.3958, -18.5935,
-18.9396

■ 49.6101, -19.0107,
-17.0132

■ 50.9671, -18.8981,
-14.9170

■ 52.4744, -18.2317,
-12.6554

■ 54.1350, -17.0105,
-10.2405

■ 55.9483, -15.2500,
-7.6890

■ 57.9114, -12.9770,
-5.0192

■ 60.0199, -10.2255,
-2.2499

■ 62.2679, -7.0340,
0.6011

Harmonies

Analogous

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



47.2905, -24.3459, -7.0329



47.2897, -17.7739, -20.7392



47.2905, -6.5765, -28.7119

Triad

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



47.2905, -17.7736, -20.7384



47.2905, 25.8006, -1.5160



47.2905, -11.3725, 20.2747

Complementary

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



47.2897, -17.7739, -20.7392



31.4103, 45.7594, 20.1542

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.



47.2905, 1.6659, 20.9865



47.2897, -17.7739, -20.7392



47.2905, 24.1463, 10.5111

Square

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



47.2905, -17.7736, -20.7384



47.2905, 19.2338, -15.7448



47.2905, 14.9380, 17.9475



47.2905, -20.9471, 15.6231

Rectangle

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



47.2897, -17.7739, -20.7392



47.2905, 2.4304, -28.5143



47.2905, 14.9380, 17.9475



47.2905, -7.2860, 20.9196

Sweetspot

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



47.2905, -17.7736, -20.7384



77.3527, -17.5487, -6.9147



54.7501, -46.3733, 31.6759



35.5526, -8.7885, -3.9081



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



47.2905, -17.7736, -20.7384



63.0561, -23.4778, -28.1329



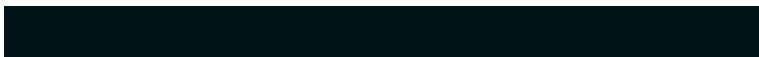
24.5198, 22.9054, -80.0891



29.7056, -3.2375, 0.3789



40.6245, -15.3570, -17.6257



7.2243, -3.1477, -2.2347

Inverse Universe

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



32.9213, 62.3055, -24.7134



44.0223, 83.2681, -32.6263



46.0703, 10.0567, 28.5631



28.5010, 1.9463, -0.3457



28.2296, 53.4529, -21.3625



4.7753, 9.1507, -4.4565

Previews

White Background



This preview shows how the HunterLab color 47.2897, -17.7739, -20.7392 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 47.2897, -17.7739, -20.7392 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

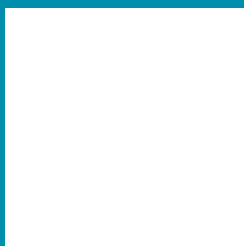
Any Text WCAG AAA × Fail

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

HunterLab 47.2897, -17.7739, -20.7392 Background



This preview shows how black text looks on a background with the HunterLab color 47.2897, -17.7739, -20.7392.



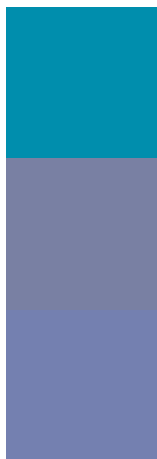
This preview shows how white text looks on a background with the HunterLab color 47.2897,

-17.7739, -20.7392.

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

47.2897, -17.7739, -20.7392

Protanopia

47.0613, 1.9034, -14.6219

Deuteranopia

47.2080, 3.4376, -22.4370



Tritanopia

47.2367, -22.6198, -10.2121

Trichromacy



Original Color

47.2897, -17.7739, -20.7392

Protanomaly

45.9814, -8.9486, -18.9639

Deuteranomaly

46.1801, -7.5700, -23.7476

Tritanomaly

47.1737, -20.7099, -14.2564

Monochromacy



Original Color

47.2897, -17.7739, -20.7392

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

39.2929, -11.9579, -6.8126

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.2897, -17.7739, -20.7392 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, 142, 173)` looks like.

```
.text, #text, p{  
    color:rgb(0, 142, 173)  
}
```

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, 142, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 142, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 47.2897, -17.7739, -20.7392 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, 142, 173) }
```


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

```
.border{ border-color:rgb(0, 142, 173) }
```

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

Here you see how a box with a 4 pixel rgb(0, 142, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 142, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 142, 173);  
box-shadow:4px 4px 4px 4px rgb(0, 142,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.2897, -17.7739, -20.7392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 142, 173) }
```

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

```
.background{ background-color: rgb(0, 142,  
173) }
```

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