

Converting Colors

HunterLab(33.8698, -23.1739,
-13.8376)

Have a look what the booklet for
HunterLab(33.8698, -23.1739,
-13.8376) contains.

HunterLab(35.8821, -15.7817, -10.7812)	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(35.8821,
-15.7817, -10.7812)**

Conversions

Conversions Part 1

Format	Color
Hex	006F7E
RGB	0, 111, 126
RGB Percent	0%, 44%, 49%
CMY	0.9999, 0.5647, 0.5059
CMYK	1.00, 0.12, 0.00, 0.51
HSL	187°, 100%, 25%
HSV	187°, 100%, 49%
XYZ	9.4504, 12.8753, 21.7257
YIQ	79.5210, -70.9710, -18.8670

Conversions

Conversions Part 2

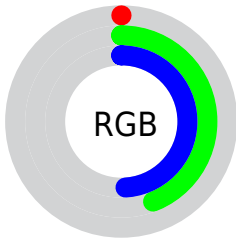
Format	Color
RYB	0, 59, 126
Decimal	28542
CIELab	42.58, -20.84, -15.88
CIELCh	43, 26.200, 217.304
Yxy	12.8757, 0.2145, 0.2923
Android (android.graphics.Color)	4278218622 (0xFF006F7E)
YUV	79.5210, 22.9141, -69.7399
Hunter-Lab	35.8821, -15.7817, -10.7812

Details

The HunterLab color **35.8821, -15.7817, -10.7812** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **21.8582, 33.4106, 14.0525**, and the grayscale version is **28.0906, -1.4988, 1.5262**.

A 20% lighter version of the original color is **55.7775, -19.3388, -11.3022**, and **20.2258, -7.8860, -8.2569** is the 20% darker color. If you saturate the color by 10%, you get **35.8820, -15.7814, -10.7818**, and if you desaturate by 10%, it is **36.4533, -15.9233, -9.9210**.

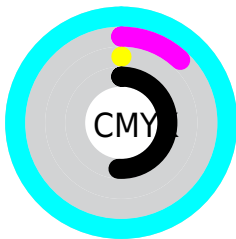
Distribution



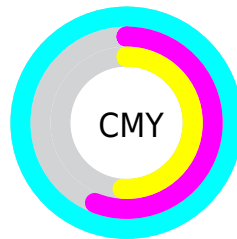
- Red (0%)
- Green (44%)
- Blue (49%)



- Red (0%)
- Yellow (23%)
- Blue (49%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.8821, -15.7817, -10.7812 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 35.8821, -15.7817, -10.7812 by changing the saturation by 10% instead.

■ 35.8821, -15.7817,
-10.7812

■ 35.8821, -15.7817,
-10.7812

■ 144.9550,
-30.9786, -10.6117

■ 27.0980, -13.8544,
-10.4803

■ 55.7497, -19.3855,
-11.1610

■ 19.1769, -11.7887,
-10.1080

■ 66.7241, -21.1082,
-11.2491

■ 12.2265, -9.5055,
-9.6894

■ 78.3368, -22.7969,
-11.2752

■ 5.3396, -9.3442,
-12.8765

■ 90.5545, -24.4606,
-11.2437

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 103.3486,
-26.1060, -11.1584

0.0000, NaN, NaN

■ 116.6943,

0.0000, NaN, NaN

-27.7383, -11.0227

0.0000, NaN, NaN

130.5696,
-29.3614, -10.8396

■ 35.8821, -15.7817,
-10.7812

■ 35.8821, -15.7817,
-10.7812

■ 35.8820, -15.7814,
-10.7818

■ 36.4533, -15.9233,
-9.9210

■ 37.0822, -15.8440,
-8.9877

■ 37.8038, -15.4134,
-7.9331

■ 38.6241, -14.6138,
-6.7561

■ 39.5464, -13.4410,
-5.4606

■ 40.5719, -11.9014,
-4.0538

■ 41.7000, -10.0091,
-2.5451

■ 42.9292, -7.7842,
-0.9452

■ 44.2566, -5.2503,
0.7349

Harmonies

Analogous

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



35.8827, -18.8463, -0.4151



35.8821, -15.7817, -10.7812



35.8827, -8.9403, -18.9776

Triad

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



35.8827, -15.7816, -10.7806



35.8827, 17.2952, -5.7227



35.8827, -4.2942, 15.6287

Complementary

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



35.8821, -15.7817, -10.7812



21.8582, 33.4106, 14.0525

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.



35.8827, 5.6928, 14.9225



35.8821, -15.7817, -10.7812



35.8827, 18.8830, 4.1703

Square

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



35.8827, -15.7816, -10.7806



35.8827, 10.3066, -15.5502



35.8827, 14.4372, 11.2514



35.8827, -12.6950, 13.5381

Rectangle

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



35.8821, -15.7817, -10.7812



35.8827, -2.8038, -21.1253



35.8827, 14.4372, 11.2514



35.8827, -1.0206, 15.6982

Sweetspot

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



35.8827, -15.7816, -10.7806



55.2130, -13.4737, -3.5239



38.6726, -32.8501, 22.5781



26.0816, -6.8569, -2.0143



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



35.8827, -15.7816, -10.7806



47.4641, -20.7571, -14.5173



19.0943, 11.7924, -49.3194



21.9141, -2.4760, 0.4374



36.3380, -15.9774, -10.9287

0.0000, NaN, NaN

Inverse Universe

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



23.6300, 45.3200, -22.3811



31.3277, 60.0546, -29.4070



31.3735, 9.4335, 19.4964



20.9854, 1.3549, -0.3277



23.9322, 45.9026, -22.6584

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 35.8821, -15.7817, -10.7812 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 35.8821, -15.7817, -10.7812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

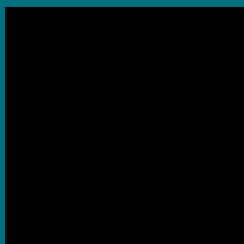
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

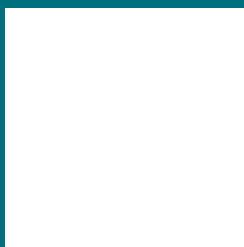
Any Text WCAG AAA × Fail

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

HunterLab 35.8821, -15.7817, -10.7812 Background



This preview shows how black text looks on a background with the HunterLab color 35.8821, -15.7817, -10.7812.



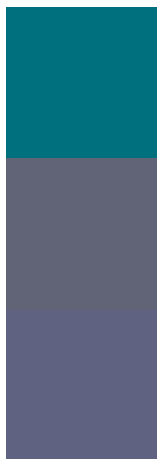
This preview shows how white text looks on a background with the HunterLab color 35.8821, -15.7817, -10.7812.

-15.7817, -10.7812.

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

35.8821, -15.7817, -10.7812

Protanopia

35.7394, 0.6942, -6.3990

Deuteranopia

35.9744, 2.2616, -12.0227



Tritanopia

36.0122, -17.1954, -7.8922

Trichromacy



Original Color

35.8821, -15.7817, -10.7812

Protanomaly

34.7924, -8.1046, -9.5289

Deuteranomaly

34.9566, -6.9960, -13.2203

Tritanomaly

36.0810, -16.7899, -8.8536

Monochromacy



Original Color

35.8821, -15.7817, -10.7812

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

30.0816, -9.5394, -3.9211

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.8821, -15.7817, -10.7812 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, 111, 126)` looks like.

```
.text, #text, p{  
    color:rgb(0, 111, 126)  
}
```

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, 111, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 111, 126) }
```

Border

The CSS property to change the border of an element to HunterLab 35.8821, -15.7817, -10.7812 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, 111, 126) }
```


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

```
.border{ border-color:rgb(0, 111, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 111, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 111, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 111, 126);  
box-shadow:4px 4px 4px 4px rgb(0, 111,  
126) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.8821, -15.7817, -10.7812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 111, 126) }
```

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

```
.background{ background-color: rgb(0, 111,  
126) }
```

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