

Converting Colors

HunterLab(30.8755, -34.7315,
-22.8082)

Have a look what the booklet for
HunterLab(30.8755, -34.7315,
-22.8082) contains.

HunterLab(35.7639, -14.3099, -13.8108)	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(35.7639,
-14.3099, -13.8108)**

Conversions

Conversions Part 1

Format	Color
Hex	006E83
RGB	0, 110, 131
RGB Percent	0%, 43%, 51%
CMY	0.9999, 0.5686, 0.4863
CMYK	1.00, 0.16, 0.00, 0.49
HSL	190°, 100%, 26%
HSV	190°, 100%, 51%
XYZ	9.6727, 12.7906, 23.4317
YIQ	79.5040, -72.3010, -16.7890

Conversions

Conversions Part 2

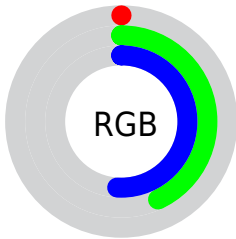
Format	Color
RYB	0, 60, 131
Decimal	28291
CIELab	42.45, -18.48, -19.08
CIELCh	42, 26.566, 225.914
Yxy	12.7910, 0.2108, 0.2787
Android (android.graphics.Color)	4278218371 (0xFF006E83)
YUV	79.5040, 25.3875, -69.7250
Hunter-Lab	35.7639, -14.3099, -13.8108

Details

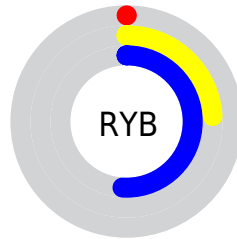
The HunterLab color **35.7639, -14.3099, -13.8108** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **23.1567, 33.6976, 14.8577**, and the grayscale version is **28.0761, -1.4981, 1.5254**.

A 20% lighter version of the original color is **55.6838, -17.6902, -14.2818**, and **20.1357, -6.4654, -11.2108** is the 20% darker color. If you saturate the color by 10%, you get **35.7635, -14.3092, -13.8118**, and if you desaturate by 10%, it is **36.5185, -14.6863, -12.6173**.

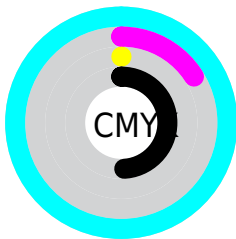
Distribution



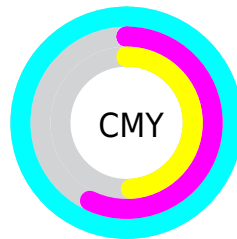
- Red (0%)
- Green (43%)
- Blue (51%)



- Red (0%)
- Yellow (24%)
- Blue (51%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (57%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.7639, -14.3099, -13.8108 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 35.7639, -14.3099, -13.8108 by changing the saturation by 10% instead.

35.7639, -14.3099,
-13.8108

35.7639, -14.3099,
-13.8108

144.7667,
-28.4077, -14.6207

26.9904, -12.5564,
-13.4084

55.6128, -17.6126,
-14.4133

19.0810, -10.6879,
-12.9557

66.5787, -19.2016,
-14.6145

12.1439, -8.6320,
-12.5115

78.1834, -20.7650,
-14.7527

5.2044, -9.1077,
-16.7882

90.3935, -22.3104,
-14.8317

0.0000, NaN, -NF

0.0000, NaN, NaN

103.1804,
-23.8435, -14.8549

0.0000, NaN, NaN

116.5191,

0.0000, NaN, NaN

-25.3686, -14.8256

0.0000, NaN, NaN

130.3877,
-26.8891, -14.7466

■ 35.7639, -14.3099,
-13.8108

■ 35.7639, -14.3099,
-13.8108

■ 35.7635, -14.3092,
-13.8118

■ 36.5185, -14.6863,
-12.6173

■ 37.3382, -14.8180,
-11.3491

■ 38.2581, -14.5756,
-9.9582

■ 39.2832, -13.9439,
-8.4470

■ 40.4158, -12.9224,
-6.8230

■ 41.6559, -11.5211,
-5.0966

■ 43.0019, -9.7578,
-3.2797

■ 44.4509, -7.6554,
-1.3848

■ 45.9995, -5.2398,
0.5759

Harmonies

Analogous

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



35.7645, -18.5617, -3.4307



35.7639, -14.3099, -13.8108



35.7645, -6.4633, -20.6796

Triad

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



35.7645, -14.3097, -13.8102



35.7645, 18.6778, -2.7888



35.7645, -7.0228, 15.4316

Complementary

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



35.7639, -14.3099, -13.8108



23.1567, 33.6976, 14.8577

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.



35.7645, 2.8827, 15.5153



35.7639, -14.3099, -13.8108



35.7645, 18.4854, 6.6004

Square

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



35.7645, -14.3097, -13.8102



35.7645, 12.9488, -13.2306



35.7645, 12.4490, 12.7362



35.7645, -14.6804, 12.4636

Rectangle

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



35.7639, -14.3099, -13.8108



35.7645, 0.0891, -21.3959



35.7645, 12.4490, 12.7362



35.7645, -3.8665, 15.7635

Sweetspot

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



35.7645, -14.3097, -13.8102



57.4133, -13.2396, -4.5640



40.3512, -34.1641, 23.3165



27.3828, -6.8200, -2.6309



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



35.7645, -14.3097, -13.8102



47.6631, -18.8911, -18.7943



18.9262, 14.6829, -55.3490



22.7050, -2.4711, 0.3667



35.4868, -14.2026, -13.6962



2.2819, -1.0824, -0.5155

Inverse Universe

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



24.3958, 46.3893, -20.0084



32.6163, 61.9793, -26.3879



33.6854, 7.9302, 20.8947



21.7953, 1.3879, -0.2480



24.2038, 46.0292, -19.8598



1.4542, 2.8131, -1.5615

Previews

White Background



This preview shows how the HunterLab color 35.7639, -14.3099, -13.8108 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 35.7639, -14.3099, -13.8108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

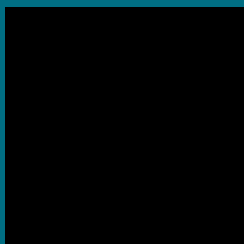
Any Text WCAG AA × Fail

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 35.7639, -14.3099, -13.8108 Background



This preview shows how black text looks on a background with the HunterLab color 35.7639, -14.3099, -13.8108.



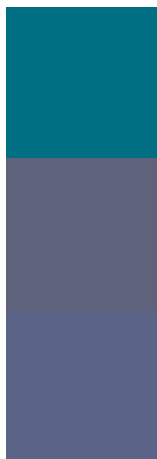
This preview shows how white text looks on a background with the HunterLab color 35.7639, -14.3099, -13.8108.

-14.3099, -13.8108.

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

35.7639, -14.3099, -13.8108

Protanopia

35.6839, 0.8471, -9.1322

Deuteranopia

35.8735, 2.3017, -15.1313



Tritanopia

35.6720, -17.0175, -7.8511

Trichromacy



Original Color

35.7639, -14.3099, -13.8108

Protanomaly

34.8820, -7.4165, -12.1862

Deuteranomaly

35.0621, -6.2295, -16.0278

Tritanomaly

35.8108, -16.2004, -9.7884

Monochromacy



Original Color

35.7639, -14.3099, -13.8108

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

30.1444, -9.1795, -4.8035

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.7639, -14.3099, -13.8108 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, 110, 131)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 131)  
}
```

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, 110, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 131) }
```

Border

The CSS property to change the border of an element to HunterLab 35.7639, -14.3099, -13.8108 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, 110, 131) }
```


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

```
.border{ border-color:rgb(0, 110, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 110, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 131);  
box-shadow:4px 4px 4px 4px rgb(0, 110,  
131) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.7639, -14.3099, -13.8108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 110, 131) }
```

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

```
.background{ background-color: rgb(0, 110,  
131) }
```

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