

Converting Colors

HunterLab(37.2009, -19.2452,
-19.2932)

Have a look what the booklet for
HunterLab(37.2009, -19.2452,
-19.2932) contains.

HunterLab(38.3878, -14.1912, -17.3467)	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(38.3878,
-14.1912, -17.3467)**

Conversions

Conversions Part 1

Format	Color
Hex	007590
RGB	0, 117, 144
RGB Percent	0%, 46%, 56%
CMY	0.9999, 0.5412, 0.4353
CMYK	1.00, 0.19, 0.00, 0.44
HSL	191°, 100%, 28%
HSV	191°, 100%, 56%
XYZ	11.3954, 14.7362, 28.6294
YIQ	85.0950, -78.3990, -16.4070

Conversions

Conversions Part 2

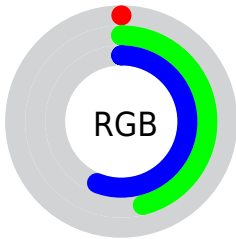
Format	Color
RYB	0, 65, 144
Decimal	30096
CIELab	45.27, -17.55, -22.49
CIELCh	45, 28.527, 232.031
Yxy	14.7367, 0.2081, 0.2691
Android (android.graphics.Color)	4278220176 (0xFF007590)
YUV	85.0950, 29.0402, -74.6283
Hunter-Lab	38.3878, -14.1912, -17.3467

Details

The HunterLab color **38.3878, -14.1912, -17.3467** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **25.9118, 36.5910, 16.6059**, and the grayscale version is **30.0952, -1.6058, 1.6351**.

A 20% lighter version of the original color is **58.5595, -17.2877, -18.3111**, and **22.5042, -6.4771, -14.1461** is the 20% darker color. If you saturate the color by 10%, you get **38.3871, -14.1900, -17.3483**, and if you desaturate by 10%, it is **39.3342, -14.8208, -15.7945**.

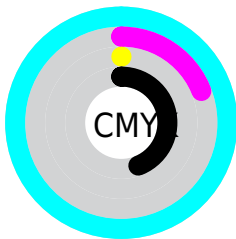
Distribution



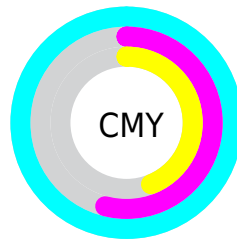
- Red (0%)
- Green (46%)
- Blue (56%)



- Red (0%)
- Yellow (25%)
- Blue (56%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (54%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.3878, -14.1912, -17.3467 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 38.3878, -14.1912, -17.3467 by changing the saturation by 10% instead.

■ 38.3878, -14.1912,
-17.3467

■ 38.3878, -14.1912,
-17.3467

■ 148.9185,
-27.8115, -18.9686

■ 29.3851, -12.5288,
-16.8743

■ 58.6436, -17.3496,
-18.1181

■ 21.2221, -10.7733,
-16.3724

■ 69.7936, -18.8787,
-18.4102

■ 13.9970, -8.8683,
-15.9171

■ 81.5725, -20.3877,
-18.6409

■ 7.6393, -10.4190,
-16.5287

■ 93.9483, -21.8832,
-18.8129

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 106.8935,
-23.3700, -18.9289

0.0000, NaN, NaN

■ 120.3840,

0.0000, NaN, NaN

-24.8518, -18.9918

0.0000, NaN, NaN

134.3986,
-26.3316, -19.0042

■ 38.3878, -14.1912,
-17.3467

■ 38.3878, -14.1912,
-17.3467

■ 38.3871, -14.1900,
-17.3483

■ 39.3342, -14.8208,
-15.7945

■ 40.3613, -15.1521,
-14.1553

■ 41.5033, -15.0582,
-12.3833

■ 42.7655, -14.5239,
-10.4838

■ 44.1494, -13.5506,
-8.4673

■ 45.6542, -12.1521,
-6.3477

■ 47.2772, -10.3506,
-4.1396

■ 49.0147, -8.1734,
-1.8579

■ 50.8619, -5.6506,
0.4837

Harmonies

Analogous

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



38.3885, -19.7206, -6.2299



38.3878, -14.1912, -17.3467



38.3885, -4.9326, -23.5842

Triad

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



38.3885, -14.1910, -17.3460



38.3885, 21.1662, -0.7992



38.3885, -9.6506, 16.4302

Complementary

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



38.3878, -14.1912, -17.3467



25.9118, 36.5910, 16.6059

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.



38.3885, 0.9195, 17.1290



38.3878, -14.1912, -17.3467



38.3885, 19.5376, 8.8834

Square

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



38.3885, -14.1910, -17.3460



38.3885, 16.0445, -12.4278



38.3885, 11.8160, 14.7865



38.3885, -17.3117, 12.5028

Rectangle

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



38.3878, -14.1912, -17.3467



38.3885, 2.4486, -23.1882



38.3885, 11.8160, 14.7865



38.3885, -6.3513, 16.9957

Sweetspot

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



38.3885, -14.1910, -17.3460



62.6467, -13.9120, -5.6855



44.7475, -37.7602, 25.5846



29.6030, -7.1183, -3.2581



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



38.3885, -14.1910, -17.3460



50.7573, -18.5446, -23.4097



19.8439, 19.2119, -66.2723



24.3860, -2.5961, 0.3233



35.8659, -13.3012, -16.1159



3.8948, -1.8031, -0.9758

Inverse Universe

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



26.8593, 50.7748, -19.7118



35.6373, 67.3217, -25.7444



38.3943, 6.7673, 23.7759



23.4391, 1.5024, -0.2132



25.0698, 47.4064, -18.4799



2.5097, 4.8407, -2.5853

Previews

White Background



This preview shows how the HunterLab color 38.3878, -14.1912, -17.3467 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 38.3878, -14.1912, -17.3467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

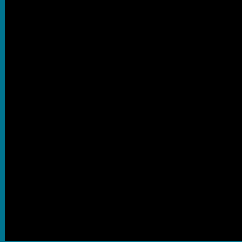
Any Text WCAG AA × Fail

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 38.3878, -14.1912, -17.3467 Background



This preview shows how black text looks on a background with the HunterLab color 38.3878, -14.1912, -17.3467.



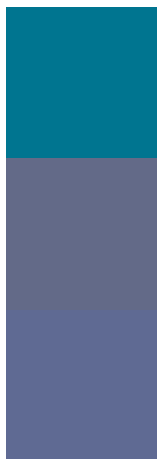
This preview shows how white text looks on a background with the HunterLab color 38.3878, -14.1912, -17.3467.

-14.1912, -17.3467.

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

38.3878, -14.1912, -17.3467

Protanopia

38.3905, 1.3682, -12.2929

Deuteranopia

38.5325, 2.7025, -18.6831



Tritanopia

38.4085, -18.4493, -8.1807

Trichromacy



Original Color

38.3878, -14.1912, -17.3467

Protanomaly

37.5136, -7.1885, -15.6154

Deuteranomaly

37.6668, -6.0750, -19.7017

Tritanomaly

38.3120, -16.8137, -11.5907

Monochromacy



Original Color

38.3878, -14.1912, -17.3467

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

32.2091, -9.8276, -5.4253

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.3878, -14.1912, -17.3467 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, 117, 144)` looks like.

```
.text, #text, p{  
    color:rgb(0, 117, 144)  
}
```

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, 117, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 117, 144) }
```

Border

The CSS property to change the border of an element to HunterLab 38.3878, -14.1912, -17.3467 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, 117, 144) }
```


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

```
.border{ border-color:rgb(0, 117, 144) }
```

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

Here you see how a box with a 4 pixel rgb(0, 117, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 117, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 117, 144);  
box-shadow:4px 4px 4px 4px rgb(0, 117,  
144) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.3878, -14.1912, -17.3467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 117, 144) }
```

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

```
.background{ background-color: rgb(0, 117,  
144) }
```

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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