

Converting Colors

HunterLab(38.8763, -16.4828,
-13.0072)

Have a look what the booklet for
HunterLab(38.8763, -16.4828,
-13.0072) contains.

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Color

**HunterLab(38.7668,
-16.3444, -13.1723)**

Conversions

Conversions Part 1

Format	Color
Hex	00778A
RGB	0, 119, 138
RGB Percent	0%, 47%, 54%
CMY	0.9999, 0.5333, 0.4588
CMYK	1.00, 0.14, 0.00, 0.46
HSL	188°, 100%, 27%
HSV	188°, 100%, 54%
XYZ	11.1843, 15.0286, 26.3561
YIQ	85.5850, -77.0230, -19.3190

Conversions

Conversions Part 2

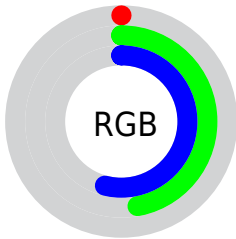
Format	Color
RYB	0, 64, 138
Decimal	30602
CIELab	45.67, -20.82, -18.31
CIELCh	46, 27.724, 221.332
Yxy	15.0292, 0.2128, 0.2859
Android (android.graphics.Color)	4278220682 (0xFF00778A)
YUV	85.5850, 25.8406, -75.0580
Hunter-Lab	38.7668, -16.3444, -13.1723

Details

The HunterLab color **38.7668, -16.3444, -13.1723** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **24.2275, 36.5435, 15.5673**, and the grayscale version is **30.2849, -1.6159, 1.6454**.

A 20% lighter version of the original color is **58.8908, -19.8674, -13.6839**, and **22.5497, -8.1817, -10.5233** is the 20% darker color. If you saturate the color by 10%, you get **38.7665, -16.3438, -13.1732**, and if you desaturate by 10%, it is **39.4688, -16.6481, -12.0915**.

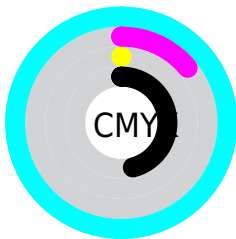
Distribution



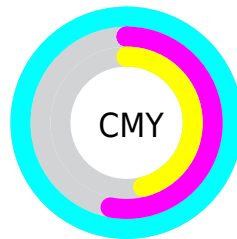
- Red (0%)
- Green (47%)
- Blue (54%)



- Red (0%)
- Yellow (25%)
- Blue (54%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (53%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.7668, -16.3444, -13.1723 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 38.7668, -16.3444, -13.1723 by changing the saturation by 10% instead.

■ 38.7668, -16.3444,
-13.1723

■ 38.7668, -16.3444,
-13.1723

■ 149.5135,
-31.4544, -13.5881

■ 29.7319, -14.4513,
-12.8138

■ 59.0799, -19.9067,
-13.6797

■ 21.5334, -12.4369,
-12.3930

■ 70.2560, -21.6165,
-13.8339

■ 14.2682, -10.2330,
-11.9415

■ 82.0595, -23.2954,
-13.9266

■ 7.9257, -11.8689,
-12.0266

■ 94.4587, -24.9516,
-13.9614

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 107.4263,
-26.5914, -13.9420

0.0000, NaN, NaN

■ 120.9383,

0.0000, NaN, NaN

-28.2195, -13.8714

0.0000, NaN, NaN

134.9736,
-29.8395, -13.7526

■ 38.7668, -16.3444,
-13.1723

■ 38.7668, -16.3444,
-13.1723

■ 38.7665, -16.3438,
-13.1732

■ 39.4688, -16.6481,
-12.0915

■ 40.2410, -16.6848,
-10.9231

■ 41.1182, -16.3261,
-9.6206

■ 42.1066, -15.5530,
-8.1840

■ 43.2096, -14.3619,
-6.6193

■ 44.4279, -12.7612,
-4.9357

■ 45.7606, -10.7681,
-3.1452

■ 47.2052, -8.4059,
-1.2602

■ 48.7585, -5.7021,
0.7063

Harmonies

Analogous

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



38.7675, -20.2548, -1.9366



38.7668, -16.3444, -13.1723



38.7675, -8.4400, -21.3935

Triad

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



38.7675, -16.3443, -13.1717



38.7675, 19.4146, -4.6931



38.7675, -6.0318, 16.8155

Complementary

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



38.7668, -16.3444, -13.1723



24.2275, 36.5435, 15.5673

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.



38.7675, 4.7385, 16.4521



38.7668, -16.3444, -13.1723



38.7675, 20.2400, 5.7630

Square

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



38.7675, -16.3443, -13.1717



38.7675, 12.4772, -15.6545



38.7675, 14.6232, 12.9400



38.7675, -14.7464, 14.1194

Rectangle

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



38.7668, -16.3444, -13.1723



38.7675, -1.5911, -23.0043



38.7675, 14.6232, 12.9400



38.7675, -2.5478, 17.0226

Sweetspot

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



38.7675, -16.3443, -13.1717



60.6336, -14.4850, -4.3354



42.6876, -36.2272, 24.8498



28.4051, -7.3372, -2.4679



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



38.7675, -16.3443, -13.1717



51.3029, -21.4846, -17.7451



20.4182, 14.5768, -56.9847



23.6076, -2.6373, 0.4218



37.1407, -15.6766, -12.5814



3.2656, -1.5785, -0.6743

Inverse Universe

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



25.9532, 49.5736, -23.0118



34.4307, 65.7321, -30.2195



35.0513, 9.5623, 21.7649



22.6215, 1.4814, -0.3273



24.8531, 47.4813, -22.0764



2.0627, 3.9997, -2.2889

Previews

White Background



This preview shows how the HunterLab color 38.7668, -16.3444, -13.1723 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 38.7668, -16.3444, -13.1723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

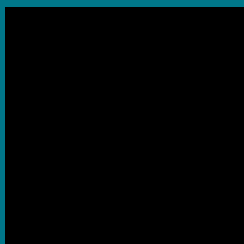
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

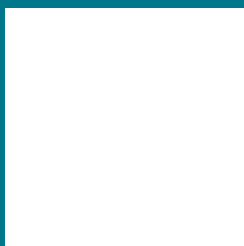
Any Text WCAG AAA × Fail

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

HunterLab 38.7668, -16.3444, -13.1723 Background



This preview shows how black text looks on a background with the HunterLab color 38.7668, -16.3444, -13.1723.



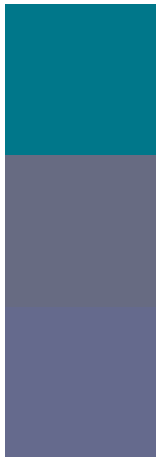
This preview shows how white text looks on a background with the HunterLab color 38.7668,

-16.3444, -13.1723.

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

38.7668, -16.3444, -13.1723

Protanopia

38.7436, 0.7562, -8.4321

Deuteranopia

38.7271, 2.8798, -14.6655



Tritanopia

38.7874, -18.4261, -8.7043

Trichromacy



Original Color

38.7668, -16.3444, -13.1723

Protanomaly

37.7102, -8.4109, -11.7992

Deuteranomaly

37.8845, -7.2489, -15.6124

Tritanomaly

38.8927, -17.8061, -10.1743

Monochromacy



Original Color

38.7668, -16.3444, -13.1723

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

32.5077, -10.2532, -4.5238

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.7668, -16.3444, -13.1723 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, 119, 138)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 138)  
}
```

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, 119, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 38.7668, -16.3444, -13.1723 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, 119, 138) }
```


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

```
.border{ border-color:rgb(0, 119, 138) }
```

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

Here you see how a box with a 4 pixel rgb(0, 119, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 138);  
box-shadow:4px 4px 4px 4px rgb(0, 119,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.7668, -16.3444, -13.1723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 119, 138) }
```

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

```
.background{ background-color: rgb(0, 119,  
138) }
```

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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