

Converting Colors

HunterLab(38.1923, -16.1341,
-12.9081)

Have a look what the booklet for
HunterLab(38.1923, -16.1341,
-12.9081) contains.

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Color

**HunterLab(38.0791,
-15.9876, -13.0828)**

Conversions

Conversions Part 1

Format	Color
Hex	007588
RGB	0, 117, 136
RGB Percent	0%, 46%, 53%
CMY	0.9999, 0.5412, 0.4667
CMYK	1.00, 0.14, 0.00, 0.47
HSL	188°, 100%, 27%
HSV	188°, 100%, 53%
XYZ	10.8053, 14.5002, 25.5219
YIQ	84.1830, -75.8310, -18.8950

Conversions

Conversions Part 2

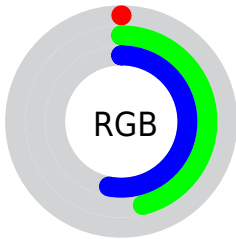
Format	Color
RYB	0, 63, 136
Decimal	30088
CIELab	44.94, -20.46, -18.24
CIELCh	45, 27.414, 221.713
Yxy	14.5007, 0.2126, 0.2853
Android (android.graphics.Color)	4278220168 (0xFF007588)
YUV	84.1830, 25.5458, -73.8285
Hunter-Lab	38.0791, -15.9876, -13.0828

Details

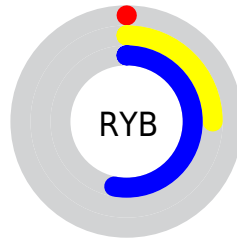
The HunterLab color **38.0791, -15.9876, -13.0828** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **23.8763, 35.8687, 15.3389**, and the grayscale version is **29.7740, -1.5887, 1.6177**.

A 20% lighter version of the original color is **58.1755, -19.4142, -13.5588**, and **21.9229, -7.8577, -10.4393** is the 20% darker color. If you saturate the color by 10%, you get **38.0787, -15.9870, -13.0838**, and if you desaturate by 10%, it is **38.7792, -16.2898, -12.0024**.

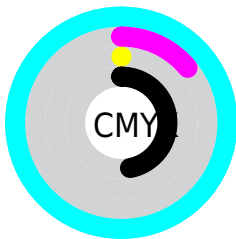
Distribution



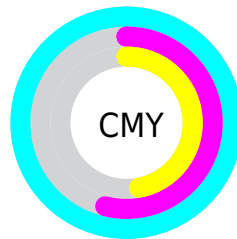
- Red (0%)
- Green (46%)
- Blue (53%)



- Red (0%)
- Yellow (25%)
- Blue (53%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (54%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.0791, -15.9876, -13.0828 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 38.0791, -15.9876, -13.0828 by changing the saturation by 10% instead.

■ 38.0791, -15.9876,
-13.0828

■ 38.0791, -15.9876,
-13.0828

148.4331,
-30.9515, -13.5158

■ 29.1028, -14.1128,
-12.7214

■ 58.2879, -19.5140,
-13.5956

■ 20.9689, -12.1164,
-12.2985

■ 69.4167, -21.2065,
-13.7522

■ 13.7768, -9.9285,
-11.8483

■ 81.1754, -22.8688,
-13.8469

■ 7.3971, -12.4502,
-12.3357

■ 93.5321, -24.5089,
-13.8836

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 106.4589,
-26.1330, -13.8658

0.0000, NaN, NaN

■ 119.9318,

0.0000, NaN, NaN

-27.7458, -13.7967

0.0000, NaN, NaN

133.9295,
-29.3510, -13.6792

■ 38.0791, -15.9876,
-13.0828

■ 38.0791, -15.9876,
-13.0828

■ 38.0787, -15.9870,
-13.0838

■ 38.7792, -16.2898,
-12.0024

■ 39.5478, -16.3320,
-10.8373

■ 40.4197, -15.9855,
-9.5408

■ 41.4009, -15.2320,
-8.1132

■ 42.4946, -14.0683,
-6.5604

■ 43.7014, -12.5030,
-4.8919

■ 45.0204, -10.5531,
-3.1192

■ 46.4491, -8.2416,
-1.2548

■ 47.9841, -5.5954,
0.6886

Harmonies

Analogous

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



38.0798, -19.8849, -2.0442



38.0791, -15.9876, -13.0828



38.0798, -8.1751, -21.0970

Triad

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



38.0798, -15.9875, -13.0822



38.0798, 19.1380, -4.4724



38.0798, -6.0540, 16.5103

Complementary

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



38.0791, -15.9876, -13.0828



23.8763, 35.8687, 15.3389

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.



38.0798, 4.5230, 16.1905



38.0791, -15.9876, -13.0828



38.0798, 19.8651, 5.7759

Square

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



38.0798, -15.9875, -13.0822



38.0798, 12.3818, -15.2699



38.0798, 14.2723, 12.7821



38.0798, -14.5802, 13.8205

Rectangle

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



38.0791, -15.9876, -13.0828



38.0798, -1.4272, -22.6121



38.0798, 14.2723, 12.7821



38.0798, -2.6368, 16.7261

Sweetspot

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



38.0798, -15.9875, -13.0822



59.6437, -14.1968, -4.3013



42.0153, -35.6520, 24.4488



28.3871, -7.3110, -2.4912



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.



38.0798, -15.9875, -13.0822



50.3825, -21.0059, -17.6280



20.1213, 14.2865, -55.9868



23.6041, -2.6316, 0.4176



37.0588, -15.5706, -12.7078



3.2622, -1.5742, -0.6791

Inverse Universe

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



25.5326, 48.7512, -22.4952



33.8682, 64.6326, -29.5271



34.5145, 9.3802, 21.4309



22.6211, 1.4794, -0.3220



24.8407, 47.4379, -21.9119



2.0622, 3.9978, -2.2817

Previews

White Background



This preview shows how the HunterLab color 38.0791, -15.9876, -13.0828 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 38.0791, -15.9876, -13.0828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

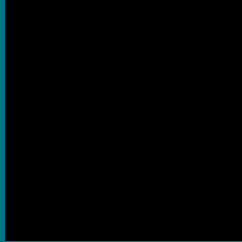
Any Text WCAG AA × Fail

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 38.0791, -15.9876, -13.0828 Background



This preview shows how black text looks on a background with the HunterLab color 38.0791, -15.9876, -13.0828.



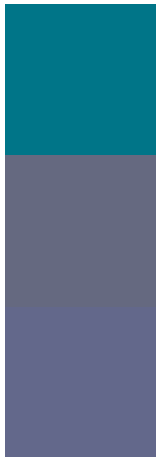
This preview shows how white text looks on a background with the HunterLab color 38.0791, -15.9876, -13.0828.

-15.9876, -13.0828.

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

38.0791, -15.9876, -13.0828

Protanopia

37.9847, 0.7953, -8.4567

Deuteranopia

37.9702, 2.9214, -14.6929



Tritanopia

38.0646, -18.2693, -8.1394

Trichromacy



Original Color

38.0791, -15.9876, -13.0828

Protanomaly

36.9675, -8.2968, -11.8049

Deuteranomaly

37.1874, -6.9690, -15.5433

Tritanomaly

38.1688, -17.6552, -9.5953

Monochromacy



Original Color

38.0791, -15.9876, -13.0828

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

31.7835, -10.1347, -4.5298

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.0791, -15.9876, -13.0828 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, 136)` looks like.

```
.text, #text, p{  
    color:rgb(0, 117, 136)  
}
```

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, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 117, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 38.0791, -15.9876, -13.0828 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, 136) }
```


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

```
.border{ border-color:rgb(0, 117, 136) }
```

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, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 117, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 117, 136);  
box-shadow:4px 4px 4px 4px rgb(0, 117,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.0791, -15.9876, -13.0828 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, 136) }
```

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

```
.background{ background-color: rgb(0, 117,  
136) }
```

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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