

Converting Colors

HunterLab(18.1909, -3.8689,
0.9832)

Have a look what the booklet for
HunterLab(18.1909, -3.8689, 0.9832)
contains.

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Color

**HunterLab(18.1038, -3.8228,
0.8313)**

Conversions

Conversions Part 1

Format	Color
Hex	2A3533
RGB	42, 53, 51
RGB Percent	16%, 21%, 20%
CMY	0.8353, 0.7922, 0.8000
CMYK	0.21, 0.00, 0.04, 0.79
HSL	169°, 12%, 19%
HSV	169°, 21%, 21%
XYZ	2.8255, 3.2775, 3.6157
YIQ	49.4830, -5.9140, -2.9540

Conversions

Conversions Part 2

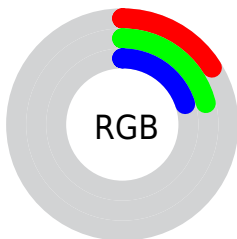
Format	Color
RYB	42, 48, 53
Decimal	2766131
CIELab	21.12, -5.12, -0.28
CIElCh	21, 5.130, 183.126
Yxy	3.2776, 0.2907, 0.3372
Android (android.graphics.Color)	4280956211 (0xFF2A3533)
YUV	49.4830, 0.7479, -6.5626
Hunter-Lab	18.1038, -3.8228, 0.8313

Details

The HunterLab color **18.1038, -3.8228, 0.8313** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.1082, 2.2942, 1.1948**, and the grayscale version is **17.6859, -0.9437, 0.9609**.

A 20% lighter version of the original color is **34.6463, -5.7856, 1.8941**, and **4.2968, -2.7741, 0.6179** is the 20% darker color. If you saturate the color by 10%, you get **17.7897, -5.0246, 0.8030**, and if you desaturate by 10%, it is **18.4539, -2.5176, 0.9025**.

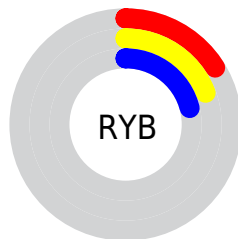
Distribution



Red (16%)

Green (21%)

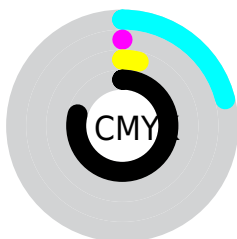
Blue (20%)



Red (16%)

Yellow (19%)

Blue (21%)

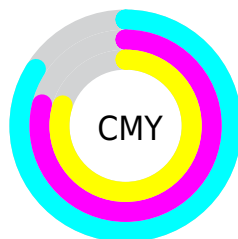


Cyan (21%)

Magenta (0%)

Yellow (4%)

Black (79%)



Cyan (84%)

Magenta (79%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.1038, -3.8228, 0.8313 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 18.1038, -3.8228, 0.8313 by changing the saturation by 10% instead.

■ 18.1038, -3.8228,
0.8313

■ 18.1038, -3.8228,
0.8313

■ 114.7227,
-11.5348, 5.9608

■ 11.3063, -3.0162,
0.4837

■ 34.5565, -5.4289,
1.6904

■ 3.5260, -6.1706,
-0.1369

■ 44.0170, -6.2474,
2.1894

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.2113, -7.0817,
2.7296

0.0000, NaN, NaN

■ 65.0898, -7.9337,
3.3078

0.0000, NaN, NaN

■ 76.6120, -8.8046,
3.9219

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.7437, -9.6950,

4.5699

0.0000, NaN, NaN

101.4557,
-10.6050, 5.2500

18.1038, -3.8228,
0.8313

18.1038, -3.8228,
0.8313

17.7897, -5.0246,
0.8030

18.4539, -2.5176,
0.9025

17.5107, -6.1148,
0.8172

18.8383, -1.1164,
1.0150

17.2672, -7.0877,
0.8739

19.2568, 0.3720,
1.1677

17.0587, -7.9391,
0.9721

19.7084, 1.9387,
1.3588

16.8844, -8.6669,
1.1102

20.1920, 3.5749,
1.5863

■ 16.7430, -9.2714,
1.2856

■ 20.7065, 5.2722,
1.8483

■ 16.6184, -9.8139,
1.4778

■ 21.2506, 7.0227,
2.1424

■ 16.5028, -10.3204,
1.6516

■ 21.8232, 8.8191,
2.4663

■ 22.4230, 10.6547,
2.8179

Harmonies

Analogous

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



18.1042, -3.5273, 2.2102



18.1038, -3.8228, 0.8313



18.1042, -3.3750, -0.6184

Triad

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



18.1042, -3.8231, 0.8316



18.1042, 0.6757, -1.5293



18.1042, 0.3878, 3.3171

Complementary

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



18.1038, -3.8228, 0.8313



16.1082, 2.2942, 1.1948

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.



18.1042, 1.5739, 2.4548



18.1038, -3.8228, 0.8313



18.1042, 1.7440, -0.3313

Square

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



18.1042, -3.8231, 0.8316



18.1042, -0.8056, -2.0509



18.1042, 2.0780, 1.1380



18.1042, -1.1278, 3.5727

Rectangle

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



18.1038, -3.8228, 0.8313



18.1042, -2.7056, -1.4096



18.1042, 2.0780, 1.1380



18.1042, 0.8399, 3.0923

Sweetspot

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



18.1042, -3.8231, 0.8316



24.0221, -2.4577, 1.2224



18.0260, -4.5066, 3.8237



13.0121, -1.3365, 0.6618



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



18.1042, -3.8231, 0.8316



23.1265, -5.8032, 1.0457



17.2902, -2.2019, -0.9348



9.8425, -1.1474, 0.4923



27.6906, -17.5400, 3.2530



72.5840, -46.5638, 9.7942

Inverse Universe

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



16.1082, 2.2942, 1.1948



19.8924, 4.1280, 1.6436



16.8464, 0.6441, 2.6825



9.4203, 0.1431, 0.5675



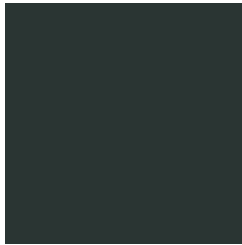
14.7457, 25.5109, 7.5249



38.5522, 66.4091, 21.9095

Previews

White Background



This preview shows how the HunterLab color 18.1038, -3.8228, 0.8313 looks on a white background.

Color Contrast Check

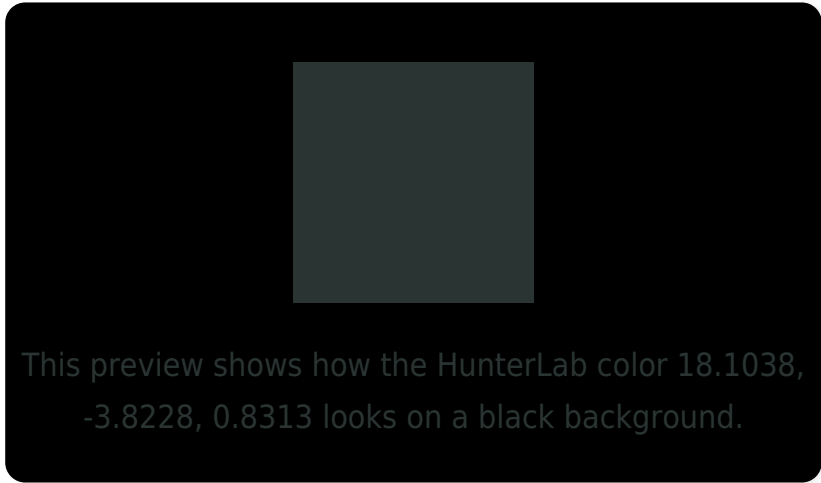
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

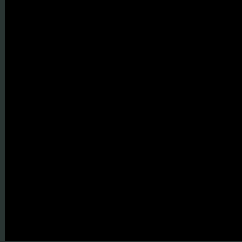
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

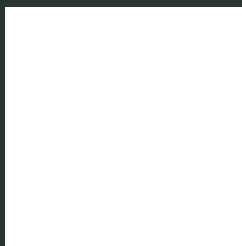
Any Text WCAG AAA × Fail

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

HunterLab 18.1038, -3.8228, 0.8313 Background



This preview shows how black text looks on a background with the HunterLab color 18.1038, -3.8228, 0.8313.



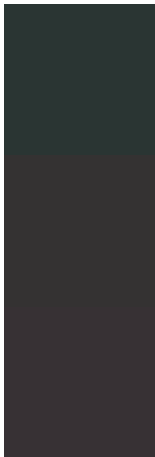
This preview shows how white text looks on a background with the HunterLab color 18.1038, -3.8228,

0.8313.

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

18.1038, -3.8228, 0.8313

Protanopia

18.0043, -0.4511, 1.1490

Deuteranopia

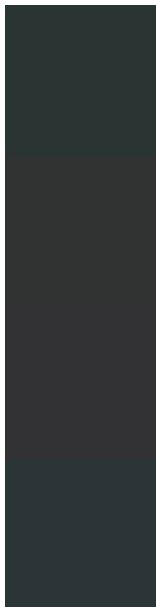
18.0466, 0.9967, 0.4640



Tritanopia

18.0419, -2.5052, -1.2216

Trichromacy



Original Color

18.1038, -3.8228, 0.8313

Protanomaly

17.9620, -1.8344, 1.0752

Deuteranomaly

17.9088, -0.6831, 0.2676

Tritanomaly

17.9887, -2.8018, -0.4675

Monochromacy



Original Color

18.1038, -3.8228, 0.8313

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.5850, -1.9151, 0.6281

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.1038, -3.8228, 0.8313 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(42, 53, 51)` looks like.

```
.text, #text, p{  
    color:rgb(42, 53, 51)  
}
```

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(42, 53, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 53, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 18.1038, -3.8228, 0.8313 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(42, 53, 51) }
```


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

```
.border{ border-color:rgb(42, 53, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 53, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 53, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 53, 51);  
box-shadow:4px 4px 4px 4px rgb(42, 53, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.1038, -3.8228, 0.8313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 53, 51) }
```

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

```
.background{ background-color: rgb(42, 53,  
51) }
```

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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