

Converting Colors

HunterLab(18.9819, -3.0847,
0.7409)

Have a look what the booklet for
HunterLab(18.9819, -3.0847, 0.7409)
contains.

HunterLab(18.9817, -3.0851, 0.7412)	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(18.9817, -3.0851,
0.7412)**

Conversions

Conversions Part 1

Format	Color
Hex	2F3736
RGB	47, 55, 54
RGB Percent	18%, 22%, 21%
CMY	0.8157, 0.7843, 0.7882
CMYK	0.15, 0.00, 0.02, 0.78
HSL	172°, 8%, 20%
HSV	172°, 15%, 22%
XYZ	3.2043, 3.6030, 4.0166
YIQ	52.4940, -4.4470, -2.0070

Conversions

Conversions Part 2

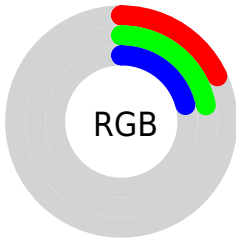
Format	Color
RYB	47, 51, 55
Decimal	3094326
CIELab	22.31, -3.62, -0.52
CIELCh	22, 3.657, 188.177
Yxy	3.6032, 0.2960, 0.3329
Android (android.graphics.Color)	4281284406 (0xFF2F3736)
YUV	52.4940, 0.7425, -4.8182
Hunter-Lab	18.9817, -3.0851, 0.7412




Details

The HunterLab color **18.9817, -3.0851, 0.7412** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.4893, 1.2953, 1.3193**, and the grayscale version is **18.6965, -0.9976, 1.0158**.




A 20% lighter version of the original color is **35.7344, -4.5185, 1.5125**, and **5.1113, -2.8524, -0.2313** is the 20% darker color. If you saturate the color by 10%, you get **18.6392, -4.3619, 0.5749**, and if you desaturate by 10%, it is **19.3618, -1.7037, 0.9521**.

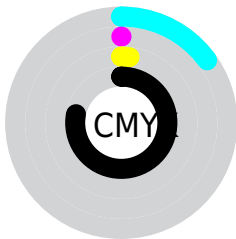
Distribution







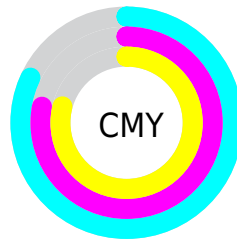
-  Red (18%)
-  Green (22%)
-  Blue (21%)






-  Red (18%)
-  Yellow (20%)
-  Blue (22%)



-  Cyan (15%)
-  Magenta (0%)
-  Yellow (2%)
-  Black (78%)



-  Cyan (82%)
-  Magenta (78%)
-  Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.9817, -3.0851, 0.7412 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 18.9817, -3.0851, 0.7412 by changing the saturation by 10% instead.

■ 18.9817, -3.0851,
0.7412

■ 18.9817, -3.0851,
0.7412

■ 116.3383,
-10.0639, 5.8016

■ 12.0589, -2.4111,
0.4049

■ 35.6426, -4.4788,
1.5812

■ 5.0610, -3.3869,
-0.1505

■ 45.1934, -5.2069,
2.0718

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.4715, -5.9581,
2.6040

0.0000, NaN, NaN

■ 66.4286, -6.7327,
3.1749

0.0000, NaN, NaN

■ 78.0251, -7.5308,
3.7820

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.2273, -8.3522,

4.4232

0.0000, NaN, NaN

103.0067, -9.1967,
5.0970

■ 18.9817, -3.0851,
0.7412

■ 18.9817, -3.0851,
0.7412

■ 18.6392, -4.3619,
0.5749

■ 19.3618, -1.7037,
0.9521

■ 18.3335, -5.5249,
0.4537

■ 19.7776, -0.2252,
1.2050

■ 18.0651, -6.5678,
0.3786

■ 20.2287, 1.3406,
1.4981

■ 17.8336, -7.4853,
0.3497

■ 20.7140, 2.9848,
1.8288

■ 17.6386, -8.2743,
0.3663

■ 21.2324, 4.6982,
2.1947

■ 17.4787, -8.9341,
0.4267

■ 21.7826, 6.4724,
2.5932

■ 17.3513, -9.4717,
0.5272

■ 22.3634, 8.2992,
3.0217

■ 17.2319, -9.9812,
0.6364

■ 22.9734, 10.1715,
3.4776

■ 17.1665, -10.2616,
0.6951

■ 23.6112, 12.0826,
3.9586

Harmonies

Analogous

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



18.9821, -2.9594, 1.7743



18.9817, -3.0851, 0.7412



18.9821, -2.6666, -0.2682

Triad

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



18.9821, -3.0855, 0.7415



18.9821, 0.3267, -0.6373



18.9821, -0.2120, 2.8271

Complementary

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



18.9817, -3.0851, 0.7412



17.4893, 1.2953, 1.3193

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.



18.9821, 0.6974, 2.2486



18.9817, -3.0851, 0.7412



18.9821, 1.0134, 0.2610

Square

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



18.9821, -3.0855, 0.7415



18.9821, -0.7086, -1.0937



18.9821, 1.1506, 1.3204



18.9821, -1.3172, 2.9394

Rectangle

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



18.9817, -3.0851, 0.7412



18.9821, -2.1288, -0.7786



18.9821, 1.1506, 1.3204



18.9821, 0.1275, 2.6824

Sweetspot

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



18.9821, -3.0855, 0.7415



25.0232, -2.1353, 1.2402



18.8885, -3.7456, 3.1316



13.0633, -1.1454, 0.6430



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.



18.9821, -3.0855, 0.7415



24.3640, -4.5420, 0.8805



18.2818, -1.7940, -0.4888



10.6070, -1.2386, 0.4784



28.6419, -17.2828, 1.5088



73.9051, -45.0183, 4.8067

Inverse Universe

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



17.4893, 1.2953, 1.3193



22.0097, 2.3727, 1.7943



18.1469, -0.0197, 2.3948



10.1299, 0.1601, 0.6624



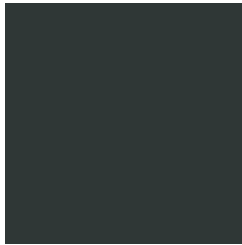
15.1338, 26.0843, 8.4833



38.9715, 66.9482, 23.5683

Previews

White Background



This preview shows how the HunterLab color 18.9817, -3.0851, 0.7412 looks on a white background.

Color Contrast Check

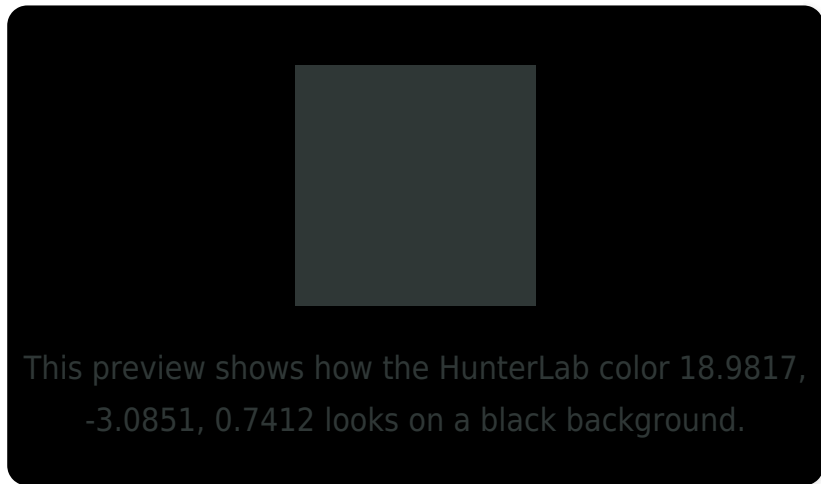
Large Text (above 18pt) WCAG AA ✓ Pass

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

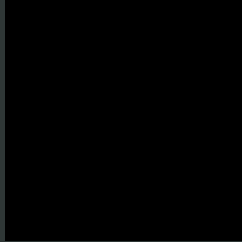
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

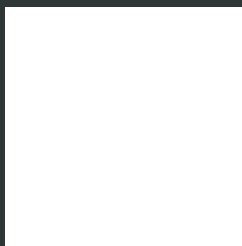
Any Text WCAG AAA × Fail

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

HunterLab 18.9817, -3.0851, 0.7412 Background



This preview shows how black text looks on a background with the HunterLab color 18.9817, -3.0851, 0.7412.



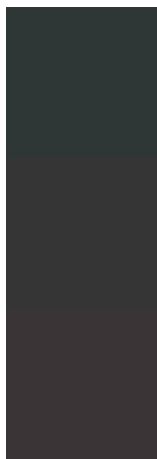
This preview shows how white text looks on a background with the HunterLab color 18.9817, -3.0851,

0.7412.

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

18.9817, -3.0851, 0.7412

Protanopia

18.9407, -0.7553, 1.1147

Deuteranopia

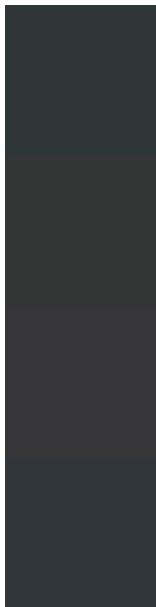
19.0561, 0.9587, 0.5134



Tritanopia

18.9274, -1.7421, -1.3287

Trichromacy



Original Color

18.9817, -3.0851, 0.7412

Protanomaly

18.9715, -1.8968, 1.1307

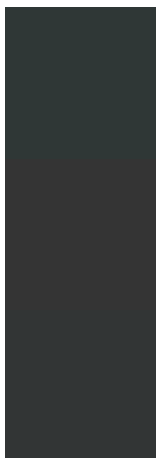
Deuteranomaly

18.9903, -0.4849, 0.4086

Tritanomaly

18.8736, -2.0397, -0.5660

Monochromacy



Original Color

18.9817, -3.0851, 0.7412

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.6584, -1.7411, 0.7639

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.9817, -3.0851, 0.7412 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(47, 55, 54)` looks like.

```
.text, #text, p{  
    color:rgb(47, 55, 54)  
}
```

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(47, 55, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 55, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 18.9817, -3.0851, 0.7412 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(47, 55, 54) }
```


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

```
.border{ border-color:rgb(47, 55, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 55, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 55, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 55, 54);  
box-shadow:4px 4px 4px 4px rgb(47, 55, 54)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.9817, -3.0851, 0.7412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 55, 54) }
```

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

```
.background{ background-color: rgb(47, 55,  
54) }
```

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