

Converting Colors

HunterLab(19.3829, -3.7166,
1.2652)

Have a look what the booklet for
HunterLab(19.3829, -3.7166, 1.2652)
contains.

HunterLab(19.4857, -3.8585, 1.3202)	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(19.4857, -3.8585,
1.3202)**

Conversions

Conversions Part 1

Format	Color
Hex	2F3936
RGB	47, 57, 54
RGB Percent	18%, 22%, 21%
CMY	0.8157, 0.7765, 0.7882
CMYK	0.18, 0.00, 0.05, 0.78
HSL	162°, 10%, 20%
HSV	162°, 18%, 22%
XYZ	3.3013, 3.7969, 4.0489
YIQ	53.6680, -4.9970, -3.0530

Conversions

Conversions Part 2

Format	Color
R_YB	47, 53, 57
Decimal	3094838
CIE Lab	22.99, -4.92, 0.47
CIE LCh	23, 4.940, 174.587
Yxy	3.7971, 0.2962, 0.3406
Android (android.graphics.Color)	4281284918 (0xFF2F3936)
YUV	53.6680, 0.1637, -5.8478
Hunter-Lab	19.4857, -3.8585, 1.3202

Details

The HunterLab color **19.4857, -3.8585, 1.3202** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.7011, 2.0962, 0.8359**, and the grayscale version is **19.0952, -1.0189, 1.0375**.

A 20% lighter version of the original color is **36.2869, -5.3899, 2.1487**, and **5.7965, -3.6208, 0.5711** is the 20% darker color. If you saturate the color by 10%, you get **19.1169, -5.2927, 1.5045**, and if you desaturate by 10%, it is **19.8944, -2.3132, 1.1784**.

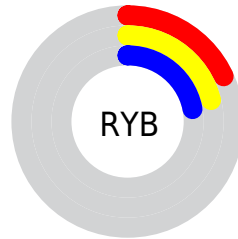
Distribution



Red (18%)

Green (22%)

Blue (21%)



Red (18%)

Yellow (21%)

Blue (22%)

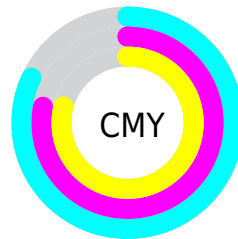


Cyan (18%)

Magenta (0%)

Yellow (5%)

Black (78%)



Cyan (82%)

Magenta (78%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.4857, -3.8585, 1.3202 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 19.4857, -3.8585, 1.3202 by changing the saturation by 10% instead.

■ 19.4857, -3.8585,
1.3202

■ 19.4857, -3.8585,
1.3202

■ 117.2578,
-11.4950, 6.8575

■ 12.4928, -3.0725,
0.9035

■ 36.2634, -5.4380,
2.2942

■ 5.7523, -4.0324,
0.6489

■ 45.8651, -6.2467,
2.8432

0.0000, NaN, NaN

■ 56.1904, -7.0726,
3.4297

0.0000, NaN, NaN

■ 67.1919, -7.9173,
4.0515

0.0000, NaN, NaN

■ 78.8303, -8.7816,
4.7067

0.0000, NaN, NaN

■ 91.0724, -9.6659,

0.0000, NaN, NaN

103.8898,
-10.5704, 6.1110

■ 19.4857, -3.8585,
1.3202

■ 19.4857, -3.8585,
1.3202

■ 19.1169, -5.2927,
1.5045

■ 19.8944, -2.3132,
1.1784

■ 18.7873, -6.6055,
1.7296

■ 20.3411, -0.6660,
1.0784

■ 18.4974, -7.7889,
1.9942

■ 20.8252, 1.0722,
1.0201

■ 18.2471, -8.8366,
2.2960

■ 21.3455, 2.8912,
1.0026

■ 18.0355, -9.7445,
2.6318

■ 21.9008, 4.7808,
1.0246

■ 17.8615, -10.5114,
2.9978

■ 22.4895, 6.7315,
1.0846

■ 17.7188, -11.1573,
3.3846

■ 23.1104, 8.7346,
1.1807

■ 17.5806, -11.7884,
3.7608

■ 23.7620, 10.7822,
1.3110

■ 17.5468, -11.9436,
3.8509

■ 24.4427, 12.8673,
1.4735

Harmonies

Analogous

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



19.4861, -3.3602, 2.6002



19.4857, -3.8585, 1.3202



19.4861, -3.6214, -0.1288

Triad

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



19.4861, -3.8589, 1.3205



19.4861, 0.1870, -1.6333



19.4861, 0.6774, 3.1881

Complementary

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



19.4857, -3.8585, 1.3202



17.7011, 2.0962, 0.8359

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.



19.4861, 1.6816, 2.1796



19.4857, -3.8585, 1.3202



19.4861, 1.3925, -0.6157

Square

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



19.4861, -3.8589, 1.3205



19.4861, -1.3150, -1.9070



19.4861, 1.9472, 0.7972



19.4861, -0.7650, 3.6244

Rectangle

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



19.4857, -3.8585, 1.3202



19.4861, -3.0738, -0.9882



19.4861, 1.9472, 0.7972



19.4861, 1.0792, 2.9087

Sweetspot

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



19.4861, -3.8589, 1.3205



25.8482, -2.5103, 1.4887



19.5295, -4.0148, 3.7989



13.8335, -1.3703, 0.7989



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



19.4861, -3.8589, 1.3205



24.9727, -5.8323, 1.8064



19.1001, -2.7247, -0.2948



10.5961, -1.2989, 0.6336



28.2714, -19.5319, 6.8269



72.8945, -51.1629, 19.3342

Inverse Universe

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



17.7011, 2.0962, 0.8359



22.0960, 3.7758, 1.0314



18.0497, 0.9680, 2.3049



10.1407, 0.2183, 0.5088



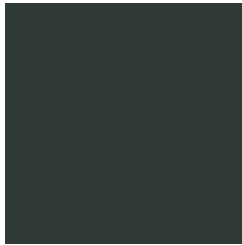
15.3190, 26.7674, 5.7655



39.3671, 68.4107, 17.7382

Previews

White Background



This preview shows how the HunterLab color 19.4857, -3.8585, 1.3202 looks on a white background.

Color Contrast Check

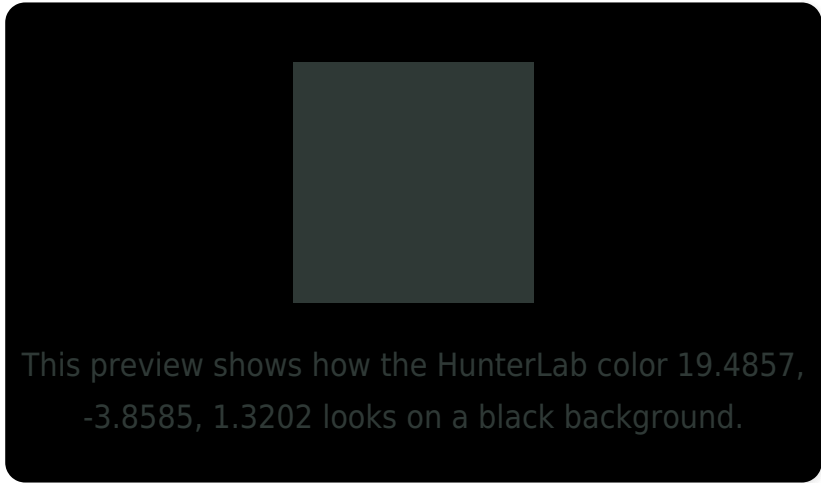
Large Text (above 18pt) WCAG AA ✓ Pass

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

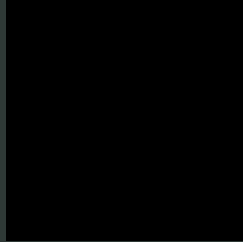
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

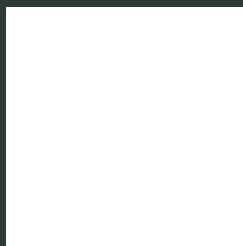
Any Text WCAG AAA × Fail

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

HunterLab 19.4857, -3.8585, 1.3202 Background



This preview shows how black text looks on a background with the HunterLab color 19.4857, -3.8585, 1.3202.

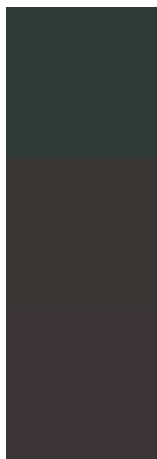


This preview shows how white text looks on a background with the HunterLab color 19.4857, -3.8585,

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

19.4857, -3.8585, 1.3202

Protanopia

19.5708, -1.0524, 1.8372

Deuteranopia

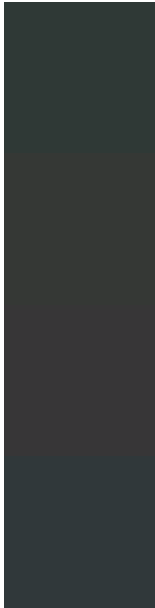
19.4492, 1.0797, 0.9849



Tritanopia

19.4499, -2.3869, -1.0885

Trichromacy



Original Color

19.4857, -3.8585, 1.3202

Protanomaly

19.6017, -2.2034, 1.8521

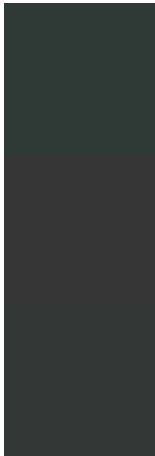
Deuteranomaly

19.3039, -0.6383, 0.7824

Tritanomaly

19.3964, -2.6838, -0.3311

Monochromacy



Original Color

19.4857, -3.8585, 1.3202

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.2419, -2.1581, 1.0652

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.4857, -3.8585, 1.3202 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, 57, 54)` looks like.

```
.text, #text, p{  
    color:rgb(47, 57, 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, 57, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 57, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 19.4857, -3.8585, 1.3202 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, 57, 54) }
```


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

```
.border{ border-color:rgb(47, 57, 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, 57, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 57, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 57, 54);  
box-shadow:4px 4px 4px 4px rgb(47, 57, 54)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.4857, -3.8585, 1.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 57, 54) }
```

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

```
.background{ background-color: rgb(47, 57,  
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