

Converting Colors

HunterLab(29.7736, -3.8074,
1.0514)

Have a look what the booklet for
HunterLab(29.7736, -3.8074, 1.0514)
contains.

HunterLab(29.8850, -3.8625, 1.2968)	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(29.8850, -3.8625,
1.2968)**

Conversions

Conversions Part 1

Format	Color
Hex	4E5655
RGB	78, 86, 85
RGB Percent	31%, 34%, 33%
CMY	0.6941, 0.6627, 0.6667
CMYK	0.09, 0.00, 0.01, 0.66
HSL	172°, 5%, 32%
HSV	172°, 9%, 34%
XYZ	8.1093, 8.9311, 9.8908
YIQ	83.4940, -4.4470, -2.0070

Conversions

Conversions Part 2

Format	Color
R_{YB}	78, 82, 86
Decimal	5133909
CIE Lab	35.85, -3.38, -0.51
CIE LCh	36, 3.419, 188.511
Yxy	8.9315, 0.3011, 0.3316
Android (android.graphics.Color)	4283323989 (0xFF4E5655)
YUV	83.4940, 0.7425, -4.8182
Hunter-Lab	29.8850, -3.8625, 1.2968

Details

The HunterLab color **29.8850, -3.8625, 1.2968** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **28.2700, 0.8745, 1.9205**, and the grayscale version is **29.5898, -1.5788, 1.6077**.

A 20% lighter version of the original color is **48.8565, -5.3775, 2.1944**, and **14.4193, -2.5100, 0.5867** is the 20% darker color. If you saturate the color by 10%, you get **29.2826, -6.0873, 0.9861**, and if you desaturate by 10%, it is **30.5550, -1.4544, 1.6871**.

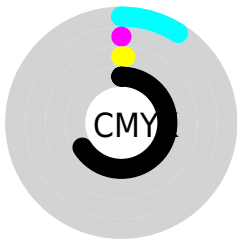
Distribution



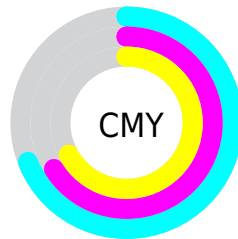
- Red (31%)
- Green (34%)
- Blue (33%)



- Red (31%)
- Yellow (32%)
- Blue (34%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (66%)



- Cyan (69%)
- Magenta (66%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.8850, -3.8625, 1.2968 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 29.8850, -3.8625, 1.2968 by changing the saturation by 10% instead.

■ 29.8850, -3.8625,
1.2968

■ 29.8850, -3.8625,
1.2968

135.2280,
-11.0084, 6.8178

■ 21.6715, -3.1867,
0.8832

■ 48.7497, -5.2836,
2.2663

■ 14.3886, -2.5283,
0.5241

■ 59.2731, -6.0299,
2.8133

■ 8.0490, -2.2607,
0.1775

■ 70.4606, -6.8005,
3.3979

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.2750, -7.5953,
4.0179

0.0000, NaN, NaN

■ 94.6846, -8.4138,
4.6715

0.0000, NaN, NaN

107.6620, -9.2558,

0.0000, NaN, NaN

121.1835,
-10.1208, 6.0727

■ 29.8850, -3.8625,
1.2968

■ 29.8850, -3.8625,
1.2968

■ 29.2826, -6.0873,
0.9861

■ 30.5550, -1.4544,
1.6871

■ 28.7469, -8.1108,
0.7566

■ 31.2893, 1.1210,
2.1517

■ 28.2790, -9.9192,
0.6107

■ 32.0865, 3.8452,
2.6866

■ 27.8784, -11.5016,
0.5487

■ 32.9446, 6.7004,
3.2868

■ 27.5441, -12.8511,
0.5696

■ 33.8610, 9.6694,
3.9474

■ 27.2739, -13.9659,
0.6704

■ 34.8333, 12.7364,
4.6632

■ 27.0647, -14.8502,
0.8465

■ 35.8588, 15.8868,
5.4292

■ 26.9119, -15.5160,
1.0907

■ 36.9349, 19.1077,
6.2408

■ 26.7807, -16.0982,
1.3585

■ 38.0590, 22.3876,
7.0934

Harmonies

Analogous

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



29.8856, -3.7309, 2.4264



29.8850, -3.8625, 1.2968



29.8856, -3.3955, 0.2152

Triad

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



29.8856, -3.8631, 1.2973



29.8856, -0.1333, -0.1578



29.8856, -0.7389, 3.6142

Complementary

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



29.8850, -3.8625, 1.2968



28.2700, 0.8745, 1.9205

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.



29.8856, 0.2466, 2.9726



29.8850, -3.8625, 1.2968



29.8856, 0.6001, 0.8044

Square

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



29.8856, -3.8631, 1.2973



29.8856, -1.2510, -0.6465



29.8856, 0.7403, 1.9525



29.8856, -1.9399, 3.7344

Rectangle

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



29.8850, -3.8625, 1.2968



29.8856, -2.8021, -0.3232



29.8856, 0.7403, 1.9525



29.8856, -0.3709, 3.4536

Sweetspot

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



29.8856, -3.8631, 1.2973



40.0477, -3.1593, 2.0227



29.7844, -4.5787, 3.9247



19.7537, -1.6587, 0.9830



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



29.8856, -3.8631, 1.2973



39.3369, -5.7360, 1.6212



29.1352, -2.4626, -0.0073



15.3556, -1.9212, 0.6752



33.6734, -20.3648, 1.8731



79.7541, -48.6073, 5.2436

Inverse Universe

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



28.2700, 0.8745, 1.9205



36.7321, 1.9046, 2.6272



28.9892, -0.5435, 3.1117



14.5720, 0.3766, 0.9774



17.7823, 30.6221, 10.1778



42.0531, 72.2325, 25.5054

Previews

White Background



This preview shows how the HunterLab color 29.8850, -3.8625, 1.2968 looks on a white background.

Color Contrast Check

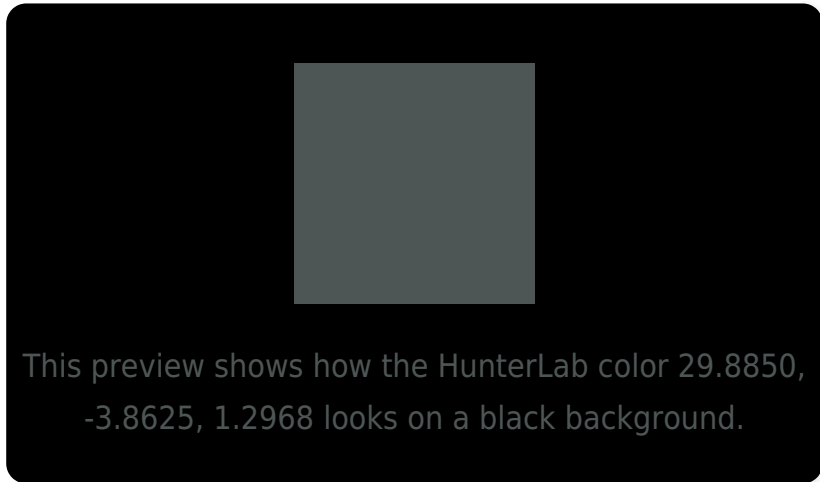
Large Text (above 18pt) WCAG AA ✓ Pass

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

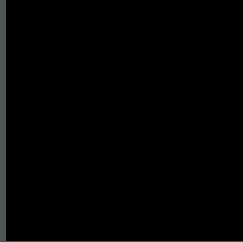
Any Text WCAG AA × Fail

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 29.8850, -3.8625, 1.2968 Background



This preview shows how black text looks on a background with the HunterLab color 29.8850, -3.8625, 1.2968.



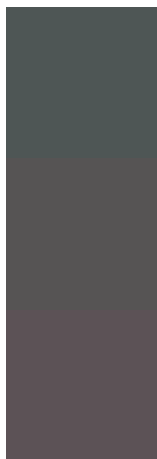
This preview shows how white text looks on a background with the HunterLab color 29.8850, -3.8625,

1.2968.

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

29.8850, -3.8625, 1.2968

Protanopia

29.9319, -1.0448, 1.8114

Deuteranopia

29.9696, 1.8164, 1.0815



Tritanopia

29.8864, -2.1031, -1.7078

Trichromacy



Original Color

29.8850, -3.8625, 1.2968

Protanomaly

29.9601, -2.2883, 1.8227

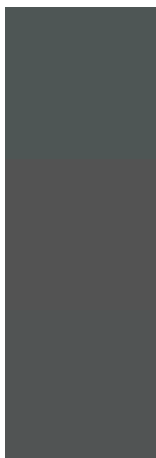
Deuteranomaly

29.8071, -0.0418, 0.8538

Tritanomaly

29.8002, -2.5774, -0.4863

Monochromacy



Original Color

29.8850, -3.8625, 1.2968

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

29.5467, -2.3863, 1.3339

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.8850, -3.8625, 1.2968 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(78, 86, 85)` looks like.

```
.text, #text, p{  
    color:rgb(78, 86, 85)  
}
```

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(78, 86, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 86, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 29.8850, -3.8625, 1.2968 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(78, 86, 85) }
```


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

```
.border{ border-color:rgb(78, 86, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 86, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 86, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 86, 85);  
box-shadow:4px 4px 4px 4px rgb(78, 86, 85)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.8850, -3.8625, 1.2968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 86, 85) }
```

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

```
.background{ background-color: rgb(78, 86,  
85) }
```

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