

Converting Colors

HunterLab(12.3648, 2.1679,
-2.8337)

Have a look what the booklet for
HunterLab(12.3648, 2.1679, -2.8337)
contains.

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Color

**HunterLab(12.3378, 2.0703,
-2.8878)**

Conversions

Conversions Part 1

Format	Color
Hex	241F2A
RGB	36, 31, 42
RGB Percent	14%, 12%, 16%
CMY	0.8588, 0.8784, 0.8353
CMYK	0.14, 0.26, 0.00, 0.84
HSL	267°, 15%, 14%
HSV	267°, 26%, 16%
XYZ	1.6355, 1.5222, 2.3981
YIQ	33.7490, -0.5510, 4.4810

Conversions

Conversions Part 2

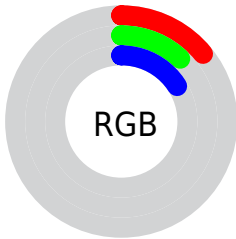
Format	Color
RYB	36, 31, 42
Decimal	2367274
CIELab	12.75, 5.17, -6.49
CIELCh	13, 8.299, 308.503
Yxy	1.5223, 0.2944, 0.2740
Android (android.graphics.Color)	4280557354 (0xFF241F2A)
YUV	33.7490, 4.0677, 1.9741
Hunter-Lab	12.3378, 2.0703, -2.8878

Details

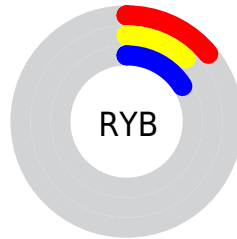
The HunterLab color **12.3378, 2.0703, -2.8878** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.6568, -3.2615, 3.7301**, and the grayscale version is **12.5563, -0.6700, 0.6822**.

A 20% lighter version of the original color is **27.3306, 2.0023, -2.6848**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.3009, 3.2126, -4.4727**, and if you desaturate by 10%, it is **13.4117, 0.9522, -1.4029**.

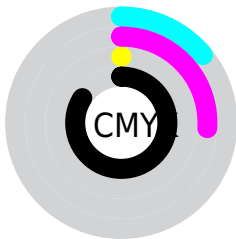
Distribution



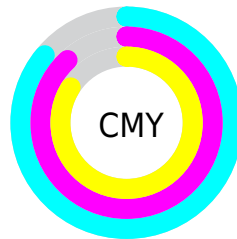
- Red (14%)
- Green (12%)
- Blue (16%)



- Red (14%)
- Yellow (12%)
- Blue (16%)



- Cyan (14%)
- Magenta (26%)
- Yellow (0%)
- Black (84%)



- Cyan (86%)
- Magenta (88%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.3378, 2.0703, -2.8878 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 12.3378, 2.0703, -2.8878 by changing the saturation by 10% instead.

■ 12.3378, 2.0703,
-2.8878

■ 12.3378, 2.0703,
-2.8878

103.5757, -0.1567,
-0.9294

■ 5.5166, 3.7865,
-4.5799

■ 27.2434, 2.0390,
-2.9173

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.0424, 1.8948,
-2.8070

0.0000, NaN, NaN

■ 45.6260, 1.6831,
-2.6283

0.0000, NaN, NaN

■ 55.9346, 1.4123,
-2.3891

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.9203, 1.0885,
-2.0952

0.0000, NaN, NaN

■ 78.5438, 0.7167,

0.0000, NaN, NaN

-1.7516

90.7718, 0.3006,
-1.3619

12.3378, 2.0703,
-2.8878

12.3378, 2.0703,
-2.8878

11.3009, 3.2126,
-4.4727

13.4117, 0.9522,
-1.4029

10.3057, 4.3814,
-6.1752

14.5175, -0.1435,
-0.0031

9.3593, 5.5747,
-8.0119

15.6519, -1.2203,
1.3255

8.4703, 6.7849,
-9.9948

16.8121, -2.2811,
2.5945

7.6499, 7.9923,
-12.1236

17.9958, -3.3289,
3.8136

■ 6.8306, 9.4069,
-14.6400

■ 19.2009, -4.3662,
4.9910

■ 5.9183, 11.4507,
-18.0976

■ 20.4259, -5.3950,
6.1335

■ 5.5365, 12.5007,
-19.8278

■ 21.6692, -6.4174,
7.2466

■ 22.9298, -7.4348,
8.3350

Harmonies

Analogous

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



12.3381, -0.0309, -3.9767



12.3378, 2.0703, -2.8878



12.3381, 3.5031, -0.8863

Triad

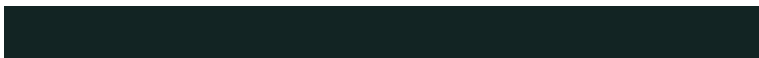
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.3381, 2.0700, -2.8875



12.3381, 0.9204, 3.8443



12.3381, -4.5491, 0.0653

Complementary

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



12.3378, 2.0703, -2.8878



14.6568, -3.2615, 3.7301

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.



12.3381, -4.3334, 2.0496



12.3378, 2.0703, -2.8878



12.3381, -1.2747, 4.0094

Square

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



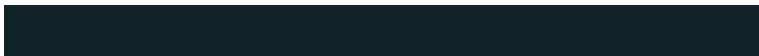
12.3381, 2.0700, -2.8875



12.3381, 2.8079, 2.9117



12.3381, -3.1697, 3.4102



12.3381, -3.7808, -2.0878

Rectangle

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



12.3378, 2.0703, -2.8878



12.3381, 3.8331, 0.5666



12.3381, -3.1697, 3.4102



12.3381, -4.5881, 0.7757

Sweetspot

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



12.3381, 2.0700, -2.8875



17.8618, 0.1293, -0.3930



13.3596, -1.3844, -1.5137



10.0816, 0.1070, -0.2653



57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

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



12.3381, 2.0700, -2.8875



14.5898, 3.5301, -4.9067



12.7590, 3.4198, -2.2572



7.9855, 0.0240, -0.1326



10.2920, 23.8674, -41.7366



26.8951, 63.6667, -119.1146

Inverse Universe

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



12.6722, 2.8798, -0.3304



15.1300, 4.7926, -0.7239



14.3347, -4.4505, 3.3930



8.0373, 0.1598, 0.2528



14.4507, 26.1069, -1.2020



38.9785, 69.9541, 0.3645

Previews

White Background



This preview shows how the HunterLab color 12.3378, 2.0703, -2.8878 looks on a white background.

Color Contrast Check

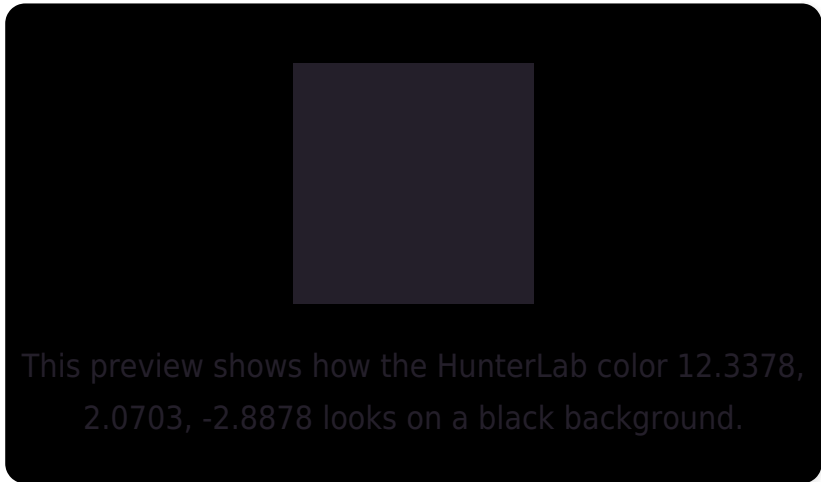
Large Text (above 18pt) WCAG AA ✓ Pass

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

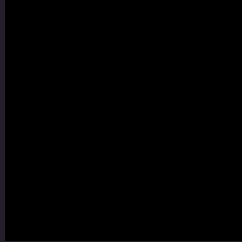
Any Text WCAG AA × Fail

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 12.3378, 2.0703, -2.8878 Background



This preview shows how black text looks on a background with the HunterLab color 12.3378, 2.0703, -2.8878.



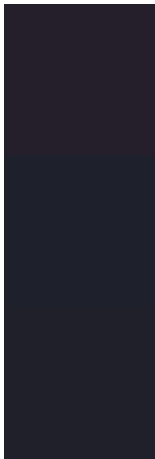
This preview shows how white text looks on a background with the HunterLab color 12.3378, 2.0703, -2.8878.

-2.8878.

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

12.3378, 2.0703, -2.8878

Protanopia

12.4022, 0.1055, -3.2820

Deuteranopia

12.2771, 0.7616, -3.0002



Tritanopia

12.2951, 0.4495, -0.0838

Trichromacy



Original Color

12.3378, 2.0703, -2.8878

Protanomaly

12.3066, 0.9196, -3.4116

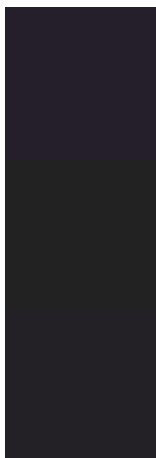
Deuteranomaly

12.3431, 0.9831, -2.8990

Tritanomaly

12.3705, 0.8545, -1.1512

Monochromacy



Original Color

12.3378, 2.0703, -2.8878

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.5643, 0.3305, -0.5116

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.3378, 2.0703, -2.8878 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(36, 31, 42)` looks like.

```
.text, #text, p{  
    color:rgb(36, 31, 42)  
}
```

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(36, 31, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 31, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 12.3378, 2.0703, -2.8878 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(36, 31, 42) }
```


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

```
.border{ border-color:rgb(36, 31, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 31, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 31, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 31, 42);  
box-shadow:4px 4px 4px 4px rgb(36, 31, 42)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.3378, 2.0703, -2.8878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 31, 42) }
```

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

```
.background{ background-color: rgb(36, 31,  
42) }
```

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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