

Converting Colors

HunterLab(15.0341, 10.1348,
-1.8980)

Have a look what the booklet for
HunterLab(15.0341, 10.1348,
-1.8980) contains.

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Color

**HunterLab(15.0283, 10.4530,
-2.0204)**

Conversions

Conversions Part 1

Format	Color
Hex	3F1F31
RGB	63, 31, 49
RGB Percent	25%, 12%, 19%
CMY	0.7529, 0.8784, 0.8078
CMYK	0.00, 0.51, 0.22, 0.75
HSL	326°, 34%, 18%
HSV	326°, 51%, 25%
XYZ	3.0943, 2.2585, 3.1786
YIQ	42.6200, 13.2940, 12.3820

Conversions

Conversions Part 2

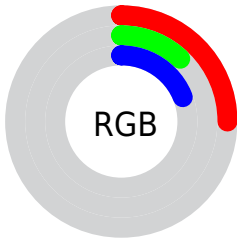
Format	Color
RYB	63, 31, 49
Decimal	4136753
CIELab	16.79, 18.32, -5.05
CIELCh	17, 19.002, 344.593
Yxy	2.2586, 0.3627, 0.2647
Android (android.graphics.Color)	4282326833 (0xFF3F1F31)
YUV	42.6200, 3.1453, 17.8733
Hunter-Lab	15.0283, 10.4530, -2.0204

Details

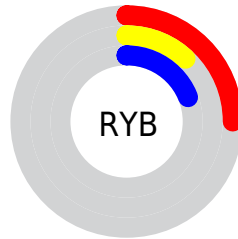
The HunterLab color **15.0283, 10.4530, -2.0204** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20.0895, -10.1325, 4.8741**, and the grayscale version is **15.4059, -0.8220, 0.8370**.

A 20% lighter version of the original color is **30.7243, 12.0688, -1.7488**, and **2.7958, 4.7878, 1.8066** is the 20% darker color. If you saturate the color by 10%, you get **13.9232, 12.6747, -2.3132**, and if you desaturate by 10%, it is **16.2620, 8.1513, -1.5771**.

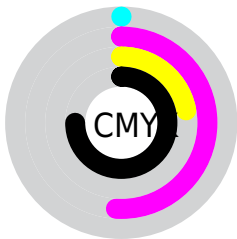
Distribution



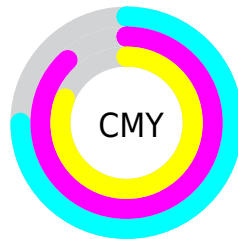
- Red (25%)
- Green (12%)
- Blue (19%)



- Red (25%)
- Yellow (12%)
- Blue (19%)



- Cyan (0%)
- Magenta (51%)
- Yellow (22%)
- Black (75%)



- Cyan (75%)
- Magenta (88%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.0283, 10.4530, -2.0204 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 15.0283, 10.4530, -2.0204 by changing the saturation by 10% instead.

■ 15.0283, 10.4530,
-2.0204

■ 15.0283, 10.4530,
-2.0204

■ 108.9071, 14.0407,
0.7776

■ 8.6699, 9.6132,
-2.0455

■ 30.6999, 11.9800,
-1.8130

0.0000, INF, NaN

0.0000, NaN, NaN

■ 39.8241, 12.5422,
-1.5992

0.0000, NaN, NaN

■ 49.7071, 12.9962,
-1.3246

0.0000, NaN, NaN

■ 60.2945, 13.3560,
-0.9957

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.5423, 13.6326,
-0.6174

0.0000, NaN, NaN

■ 83.4138, 13.8345,

0.0000, NaN, NaN

-0.1937

95.8777, 13.9686,
0.2722

15.0283, 10.4530,
-2.0204

15.0283, 10.4530,
-2.0204

13.9232, 12.6747,
-2.3132

16.2620, 8.1513,
-1.5771

12.9636, 14.7365,
-2.4225

17.6063, 5.8274,
-1.0158

12.1672, 16.5307,
-2.3162

19.0466, 3.5145,
-0.3618

11.5000, 18.0948,
-2.0399

20.5701, 1.2313,
0.3644

10.8661, 19.7493,
-1.8213

22.1661, -1.0138,
1.1474

■ 23.8257, -3.2187,
1.9754

■ 25.5417, -5.3847,
2.8396

■ 27.3079, -7.5148,
3.7337

■ 29.1192, -9.6130,
4.6527

Harmonies

Analogous

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



15.0287, 7.1203, -7.9490



15.0283, 10.4530, -2.0204



15.0287, 10.5006, 3.0800

Triad

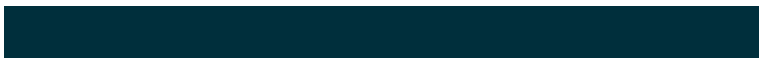
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.0287, 10.4523, -2.0200



15.0287, -3.3070, 7.6077



15.0287, -7.4473, -7.7984

Complementary

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



15.0283, 10.4530, -2.0204



20.0895, -10.1325, 4.8741

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.



15.0287, -9.5162, -1.8614



15.0283, 10.4530, -2.0204



15.0287, -7.3627, 6.2502

Square

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



15.0287, 10.4523, -2.0200



15.0287, 2.0283, 7.5884



15.0287, -9.4876, 3.1919



15.0287, -3.4385, -11.9994

Rectangle

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



15.0283, 10.4530, -2.0204



15.0287, 8.6347, 5.3798



15.0287, -9.4876, 3.1919



15.0287, -8.3662, -5.8634

Sweetspot

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



15.0287, 10.4523, -2.0200



25.6940, 3.0287, 0.0047



13.7618, 7.8721, -11.6428



13.1065, 1.6642, -0.0327



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



15.0287, 10.4523, -2.0200



17.6745, 17.2197, -3.0654



14.6541, 8.6614, 3.3196



10.8812, 0.3570, 0.2848



16.2970, 29.4902, -1.7258



41.2081, 74.1499, -1.1217

Inverse Universe

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



15.0287, 10.4523, -2.0200



17.6745, 17.2197, -3.0654



20.4496, -8.0173, -0.2852



10.8812, 0.3570, 0.2848



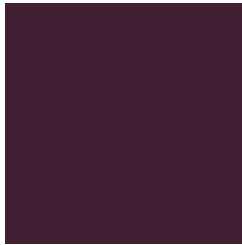
16.2970, 29.4902, -1.7258



41.2081, 74.1499, -1.1217

Previews

White Background



This preview shows how the HunterLab color 15.0283, 10.4530, -2.0204 looks on a white background.

Color Contrast Check

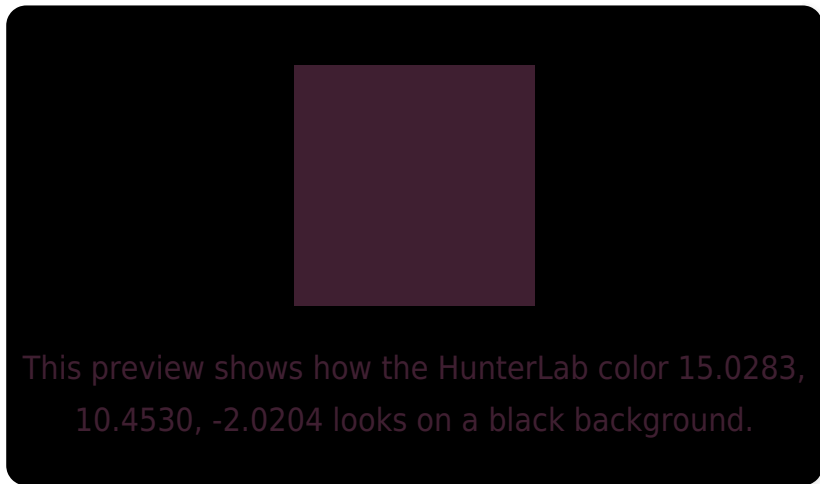
Large Text (above 18pt) WCAG AA ✓ Pass

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

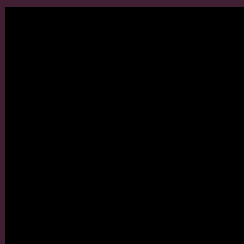
Any Text WCAG AA × Fail

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 15.0283, 10.4530, -2.0204 Background



This preview shows how black text looks on a background with the HunterLab color 15.0283, 10.4530, -2.0204.



This preview shows how white text looks on a background with the HunterLab color 15.0283, 10.4530,

-2.0204.

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

15.0283, 10.4530, -2.0204

Protanopia

15.3412, 0.3924, -4.9995

Deuteranopia

15.2531, 0.7463, -1.0416



Tritanopia

15.1511, 7.3812, 2.9338

Trichromacy



Original Color

15.0283, 10.4530, -2.0204

Protanomaly

14.9920, 3.6251, -4.0188

Deuteranomaly

14.9678, 4.3397, -1.7776

Tritanomaly

15.0730, 8.3288, 1.1818

Monochromacy



Original Color

15.0283, 10.4530, -2.0204

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.2270, 2.8301, -0.2344

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.0283, 10.4530, -2.0204 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(63, 31, 49)` looks like.

```
.text, #text, p{  
    color:rgb(63, 31, 49)  
}
```

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(63, 31, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 31, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 15.0283, 10.4530, -2.0204 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(63, 31, 49) }
```


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

```
.border{ border-color:rgb(63, 31, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 31, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 31, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 31, 49);  
box-shadow:4px 4px 4px 4px rgb(63, 31, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.0283, 10.4530, -2.0204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 31, 49) }
```

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

```
.background{ background-color: rgb(63, 31,  
49) }
```

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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