

Converting Colors

HunterLab(11.9729, 1.7442,
-0.3937)

Have a look what the booklet for
HunterLab(11.9729, 1.7442, -0.3937)
contains.

HunterLab(12.0134, 1.7189, -0.4150)	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(12.0134, 1.7189,
-0.4150)**

Conversions

Conversions Part 1

Format	Color
Hex	251E23
RGB	37, 30, 35
RGB Percent	15%, 12%, 14%
CMY	0.8549, 0.8823, 0.8627
CMYK	0.00, 0.19, 0.05, 0.85
HSL	317°, 10%, 13%
HSV	317°, 19%, 15%
XYZ	1.5306, 1.4432, 1.7880
YIQ	32.6630, 2.5670, 3.0390

Conversions

Conversions Part 2

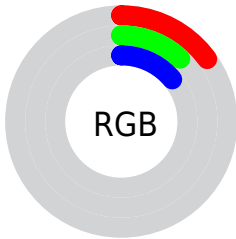
Format	Color
RYB	37, 30, 35
Decimal	2432547
CIELab	12.24, 4.53, -2.14
CIElCh	12, 5.009, 334.694
Yxy	1.4433, 0.3214, 0.3031
Android (android.graphics.Color)	4280622627 (0xFF251E23)
YUV	32.6630, 1.1521, 3.8035
Hunter-Lab	12.0134, 1.7189, -0.4150

Details

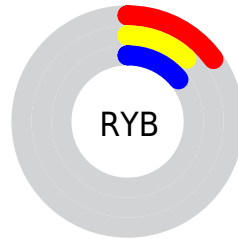
The HunterLab color **12.0134, 1.7189, -0.4150** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13.0518, -2.9038, 1.7836**, and the grayscale version is **12.2225, -0.6522, 0.6641**.

A 20% lighter version of the original color is **26.9368, 1.4983, 0.3429**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.2280, 3.0366, -0.9968**, and if you desaturate by 10%, it is **12.8378, 0.4175, 0.1882**.

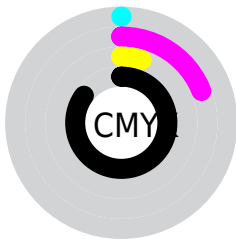
Distribution



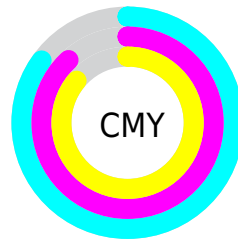
- Red (15%)
- Green (12%)
- Blue (14%)



- Red (15%)
- Yellow (12%)
- Blue (14%)



- Cyan (0%)
- Magenta (19%)
- Yellow (5%)
- Black (85%)



- Cyan (85%)
- Magenta (88%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.0134, 1.7189, -0.4150 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 12.0134, 1.7189, -0.4150 by changing the saturation by 10% instead.

■ 12.0134, 1.7189,
-0.4150

■ 12.0134, 1.7189,
-0.4150

102.9142, -0.8012,
3.4865

■ 4.9829, 3.6939,
-1.5099

■ 26.8202, 1.6055,
0.0881

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.5776, 1.4254,
0.4359

0.0000, NaN, NaN

■ 45.1231, 1.1803,
0.8368

0.0000, NaN, NaN

■ 55.3962, 0.8782,
1.2854

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.3487, 0.5248,
1.7776

0.0000, NaN, NaN

■ 77.9407, 0.1249,

0.0000, NaN, NaN

2.3102

90.1388, -0.3181,
2.8806

12.0134, 1.7189,
-0.4150

12.0134, 1.7189,
-0.4150

11.2280, 3.0366,
-0.9968

12.8378, 0.4175,
0.1882

10.4860, 4.3649,
-1.5503

13.6962, -0.8635,
0.8066

9.7933, 5.6918,
-2.0649

14.5852, -2.1235,
1.4365

9.1564, 6.9984,
-2.5271

15.5016, -3.3629,
2.0751

8.5826, 8.2568,
-2.9202

16.4427, -4.5831,
2.7203

■ 8.0603, 9.4835,
-3.2545

■ 17.4064, -5.7856,
3.3710

■ 7.5118, 10.9092,
-3.6540

■ 18.3907, -6.9723,
4.0261

■ 6.9213, 12.6428,
-4.1597

■ 19.3940, -8.1451,
4.6850

■ 6.8544, 12.8545,
-4.2226

■ 20.4147, -9.3056,
5.3472

Harmonies

Analogous

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



12.0137, 0.8242, -1.4851



12.0134, 1.7189, -0.4150



12.0137, 1.9701, 0.8482

Triad

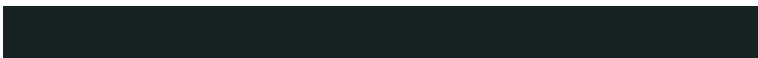
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.0137, 1.7186, -0.4148



12.0137, -0.8469, 2.8031



12.0137, -2.6411, -0.7897

Complementary

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



12.0134, 1.7189, -0.4150



13.0518, -2.9038, 1.7836

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.



12.0137, -3.0478, 0.4564



12.0134, 1.7189, -0.4150



12.0137, -2.0405, 2.4601

Square

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



12.0137, 1.7186, -0.4148



12.0137, 0.4528, 2.6227



12.0137, -2.8327, 1.6327



12.0137, -1.6983, -1.7173

Rectangle

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



12.0134, 1.7189, -0.4150



12.0137, 1.7308, 1.6115



12.0137, -2.8327, 1.6327



12.0137, -2.8432, -0.3896

Sweetspot

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



12.0137, 1.7186, -0.4148



16.6377, 0.1215, 0.4354



11.7005, 0.7819, -1.6459



9.6167, 0.0523, 0.2599



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



12.0137, 1.7186, -0.4148



14.7417, 3.1436, -0.9542



11.9315, 1.2832, 0.7537



7.3567, 0.1498, 0.1486



14.4371, 26.8598, -7.2273



39.6873, 73.4610, -16.9526

Inverse Universe

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



12.0137, 1.7186, -0.4148



14.7417, 3.1436, -0.9542



13.1280, -2.4747, 0.6934



7.3567, 0.1498, 0.1486



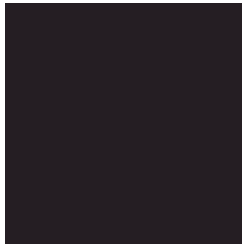
14.4371, 26.8598, -7.2273



39.6873, 73.4610, -16.9526

Previews

White Background



This preview shows how the HunterLab color 12.0134, 1.7189, -0.4150 looks on a white background.

Color Contrast Check

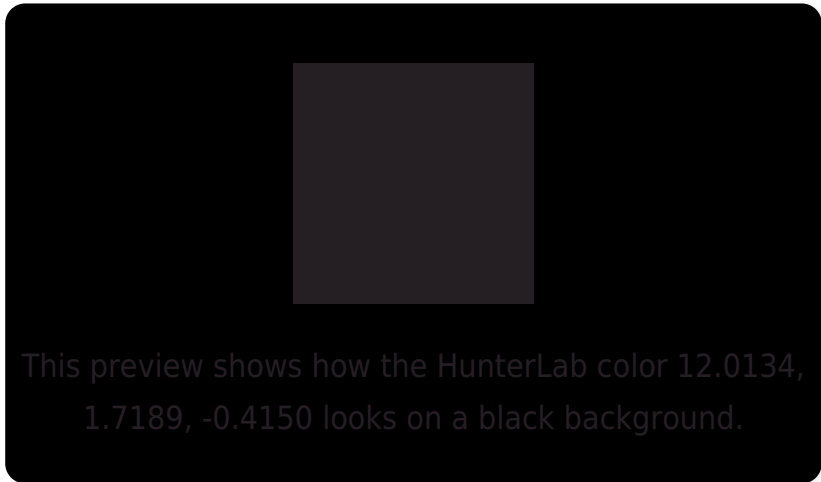
Large Text (above 18pt) WCAG AA ✓ Pass

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

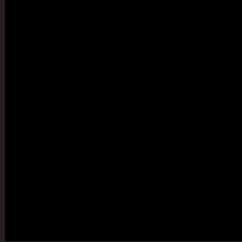
Any Text WCAG AA × Fail

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 12.0134, 1.7189, -0.4150 Background



This preview shows how black text looks on a background with the HunterLab color 12.0134, 1.7189, -0.4150.



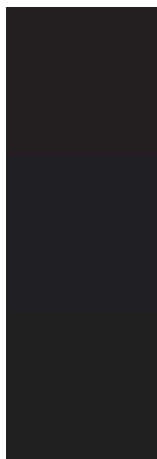
This preview shows how white text looks on a background with the HunterLab color 12.0134, 1.7189, -0.4150.

-0.4150.

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

12.0134, 1.7189, -0.4150

Protanopia

12.0487, -0.3440, -0.7949

Deuteranopia

12.0058, 0.5933, -0.4443



Tritanopia

11.9652, 1.4641, 0.2688

Trichromacy



Original Color

12.0134, 1.7189, -0.4150

Protanomaly

11.9611, 0.4924, -0.8944

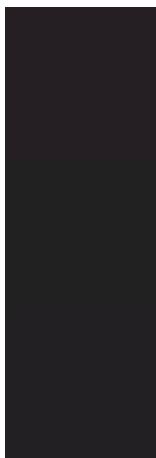
Deuteranomaly

12.0774, 0.8343, -0.3494

Tritanomaly

11.9890, 1.5899, -0.0688

Monochromacy



Original Color

12.0134, 1.7189, -0.4150

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.2008, 0.0808, 0.1652

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.0134, 1.7189, -0.4150 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(37, 30, 35)` looks like.

```
.text, #text, p{  
    color:rgb(37, 30, 35)  
}
```

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(37, 30, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 30, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 12.0134, 1.7189, -0.4150 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(37, 30, 35) }
```


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

```
.border{ border-color:rgb(37, 30, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 30, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 30, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 30, 35);  
box-shadow:4px 4px 4px 4px rgb(37, 30, 35)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.0134, 1.7189, -0.4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 30, 35) }
```

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

```
.background{ background-color: rgb(37, 30,  
35) }
```

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