

Converting Colors

HunterLab(12.0755, -1.9671,
1.3125)

Have a look what the booklet for
HunterLab(12.0755, -1.9671, 1.3125)
contains.

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Color

**HunterLab(12.0111, -1.9242,
1.3043)**

Conversions

Conversions Part 1

Format	Color
Hex	1D211E
RGB	29, 33, 30
RGB Percent	11%, 13%, 12%
CMY	0.8863, 0.8706, 0.8824
CMYK	0.12, 0.00, 0.09, 0.87
HSL	135°, 6%, 12%
HSV	135°, 12%, 13%
XYZ	1.2849, 1.4427, 1.4390
YIQ	31.4620, -1.4210, -1.7810

Conversions

Conversions Part 2

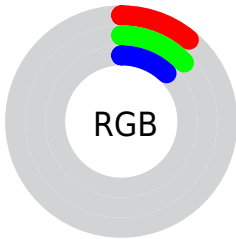
Format	Color
R_{YB}	29, 32, 33
Decimal	1909022
CIE _{Lab}	12.24, -2.61, 1.40
CIE _{LCh}	12, 2.963, 151.759
Yxy	1.4427, 0.3084, 0.3462
Android (android.graphics.Color)	4280099102 (0xFF1D211E)
YUV	31.4620, -0.7208, -2.1592
Hunter-Lab	12.0111, -1.9242, 1.3043

Details

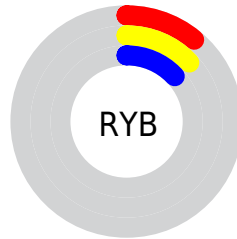
The HunterLab color **12.0111, -1.9242, 1.3043** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **11.4297, 0.7271, -0.0332**, and the grayscale version is **11.8526, -0.6324, 0.6440**.

A 20% lighter version of the original color is **26.7953, -3.1756, 2.1204**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.7688, -2.9068, 1.8152**, and if you desaturate by 10%, it is **12.2742, -0.8853, 0.7821**.

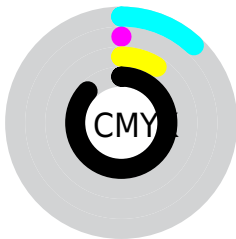
Distribution



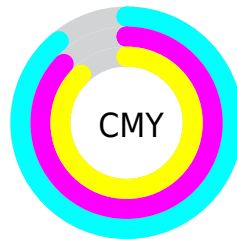
- Red (11%)
- Green (13%)
- Blue (12%)



- Red (11%)
- Yellow (13%)
- Blue (13%)



- Cyan (12%)
- Magenta (0%)
- Yellow (9%)
- Black (87%)



- Cyan (89%)
- Magenta (87%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.0111, -1.9242, 1.3043 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 12.0111, -1.9242, 1.3043 by changing the saturation by 10% instead.

■ 12.0111, -1.9242,
1.3043

■ 12.0111, -1.9242,
1.3043

102.9095, -8.1650,
6.9627

■ 4.9789, -2.5501,
1.4381

■ 26.8172, -3.1242,
2.3204

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.5743, -3.7630,
2.8849

0.0000, NaN, NaN

■ 45.1195, -4.4295,
3.4848

0.0000, NaN, NaN

■ 55.3923, -5.1236,
4.1184

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.3446, -5.8448,
4.7844

0.0000, NaN, NaN

■ 77.9364, -6.5925,

0.0000, NaN, NaN

5.4812

■ 90.1343, -7.3662,
6.2077

■ 12.0111, -1.9242,
1.3043

■ 12.0111, -1.9242,
1.3043

■ 11.7688, -2.9068,
1.8152

■ 12.2742, -0.8853,
0.7821

■ 11.5470, -3.8264,
2.3114

■ 12.5569, 0.2045,
0.2511

■ 11.3463, -4.6775,
2.7897

■ 12.8586, 1.3393,
-0.2862

■ 11.1671, -5.4549,
3.2471

■ 13.1787, 2.5133,
-0.8273

■ 11.0093, -6.1539,
3.6803

■ 13.5165, 3.7214,
-1.3703

■ 10.8722, -6.7731,
4.0859

■ 13.8713, 4.9587,
-1.9135

■ 10.7427, -7.3632,
4.4497

■ 14.2422, 6.2209,
-2.4553

■ 10.6155, -7.9451,
4.7665

■ 14.6286, 7.5040,
-2.9947

■ 10.5159, -8.4038,
4.9973

■ 15.0297, 8.8046,
-3.5305

Harmonies

Analogous

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



12.0114, -1.4147, 1.7961



12.0111, -1.9242, 1.3043



12.0114, -2.0929, 0.6103

Triad

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



12.0114, -1.9245, 1.3045



12.0114, -0.5958, -0.8487



12.0114, 0.6500, 1.3752

Complementary

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



12.0111, -1.9242, 1.3043



11.4297, 0.7271, -0.0332

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.



12.0114, 0.8822, 0.6972



12.0111, -1.9242, 1.3043



12.0114, 0.1517, -0.6130

Square

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



12.0114, -1.9245, 1.3045



12.0114, -1.3375, -0.6612



12.0114, 0.6976, -0.0354



12.0114, 0.0707, 1.8351

Rectangle

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



12.0111, -1.9242, 1.3043



12.0114, -1.9925, 0.1172



12.0114, 0.6976, -0.0354



12.0114, 0.7719, 1.1668

Sweetspot

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



12.0114, -1.9245, 1.3045



15.5081, -1.4179, 1.1389



12.1846, -1.3493, 1.8281



9.1511, -0.8460, 0.6768



55.4075, -2.9564, 3.0104



9.2414, -0.4931, 0.5021

Same Dimension

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



12.0114, -1.9245, 1.3045



15.1223, -2.9546, 1.9193



12.0537, -1.6884, 0.6993



6.8836, -0.8193, 0.6019



23.7673, -19.6347, 12.6786



66.8225, -55.9937, 37.3520

Inverse Universe

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



11.4297, 0.7271, -0.0332



14.1423, 1.5146, -0.3345



11.3850, 0.4867, 0.6038



6.6804, 0.1068, 0.1345



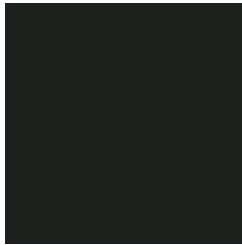
14.0827, 26.3808, -8.4485



39.4521, 73.5550, -20.9559

Previews

White Background



This preview shows how the HunterLab color 12.0111, -1.9242, 1.3043 looks on a white background.

Color Contrast Check

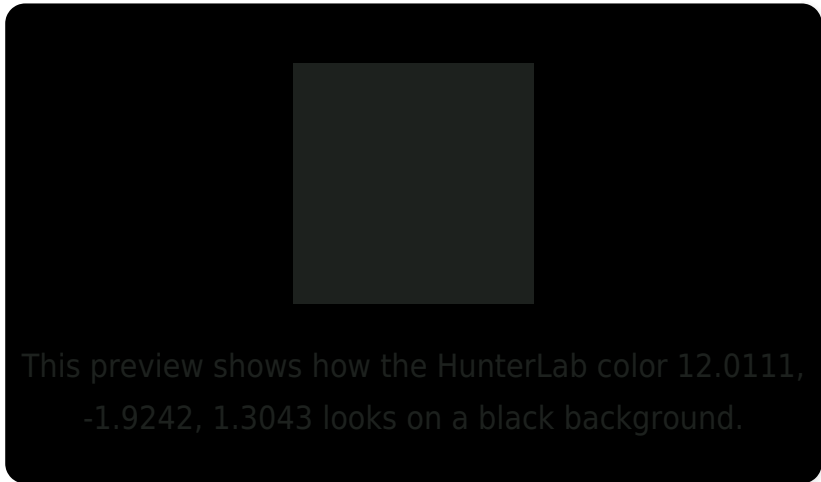
Large Text (above 18pt) WCAG AA ✓ Pass

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

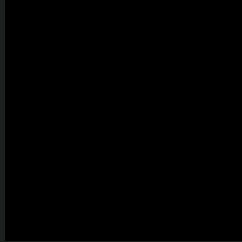
Any Text WCAG AA × Fail

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 12.0111, -1.9242, 1.3043 Background



This preview shows how black text looks on a background with the HunterLab color 12.0111, -1.9242, 1.3043.

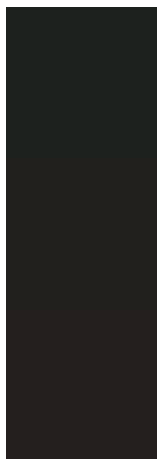


This preview shows how white text looks on a background with the HunterLab color 12.0111, -1.9242, 1.3043.

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

12.0111, -1.9242, 1.3043

Protanopia

12.0211, -0.7610, 1.6609

Deuteranopia

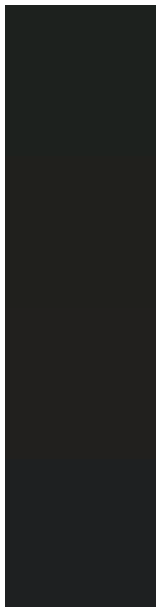
12.0365, 0.4673, 1.3746



Tritanopia

11.9599, -0.7021, -0.5255

Trichromacy



Original Color

12.0111, -1.9242, 1.3043

Protanomaly

11.9533, -0.9982, 1.5824

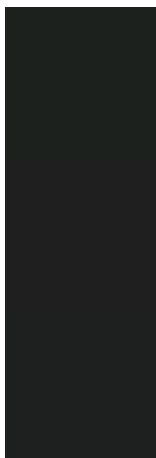
Deuteranomaly

12.0420, -0.6464, 1.3613

Tritanomaly

11.9115, -0.9678, 0.1610

Monochromacy



Original Color

12.0111, -1.9242, 1.3043

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

11.8658, -1.2202, 0.8129

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.0111, -1.9242, 1.3043 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(29, 33, 30)` looks like.

```
.text, #text, p{  
    color:rgb(29, 33, 30)  
}
```

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(29, 33, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 33, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 12.0111, -1.9242, 1.3043 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(29, 33, 30) }
```


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

```
.border{ border-color:rgb(29, 33, 30) }
```

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

Here you see how a box with a 4 pixel rgb(29, 33, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 33, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 33, 30);  
box-shadow:4px 4px 4px 4px rgb(29, 33, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.0111, -1.9242, 1.3043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 33, 30) }
```

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

```
.background{ background-color: rgb(29, 33,  
30) }
```

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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