

Converting Colors

HunterLab(11.8510, -0.2981,
1.2073)

Have a look what the booklet for
HunterLab(11.8510, -0.2981, 1.2073)
contains.

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Color

**HunterLab(11.8197, -0.2737,
1.1170)**

Conversions

Conversions Part 1

Format	Color
Hex	211F1E
RGB	33, 31, 30
RGB Percent	13%, 12%, 12%
CMY	0.8706, 0.8784, 0.8824
CMYK	0.00, 0.06, 0.09, 0.87
HSL	20°, 5%, 12%
HSV	20°, 9%, 13%
XYZ	1.3515, 1.3971, 1.4267
YIQ	31.4840, 1.5130, 0.1130

Conversions

Conversions Part 2

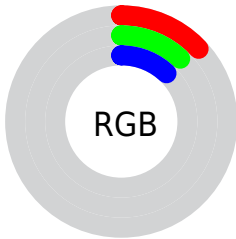
Format	Color
R_{YB}	33, 32, 30
Decimal	2170654
CIE Lab	11.94, 0.71, 1.02
CIE LCh	12, 1.242, 55.077
Yxy	1.3971, 0.3237, 0.3346
Android (android.graphics.Color)	4280360734 (0xFF211F1E)
YUV	31.4840, -0.7316, 1.3295
Hunter-Lab	11.8197, -0.2737, 1.1170




Details

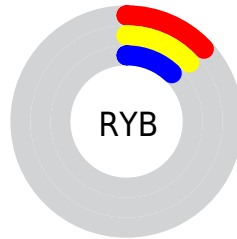
The HunterLab color **11.8197, -0.2737, 1.1170** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **11.9115, -0.9675, 0.1609**, and the grayscale version is **11.8589, -0.6328, 0.6443**.




A 20% lighter version of the original color is **26.6540, -1.0204, 1.9951**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.2701, 0.1722, 1.5877**, and if you desaturate by 10%, it is **12.3843, -0.6954, 0.6243**.

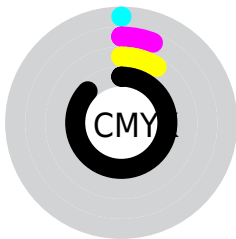
Distribution







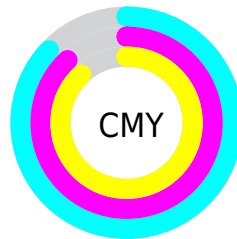
-  Red (13%)
-  Green (12%)
-  Blue (12%)






-  Red (13%)
-  Yellow (13%)
-  Blue (12%)



-  Cyan (0%)
-  Magenta (6%)
-  Yellow (9%)
-  Black (87%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.8197, -0.2737, 1.1170 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 11.8197, -0.2737, 1.1170 by changing the saturation by 10% instead.

■ 11.8197, -0.2737,
1.1170

■ 11.8197, -0.2737,
1.1170

■ 102.5170, -4.7447,
6.5696

■ 4.6324, 0.4214,
1.1634

■ 26.5668, -0.9521,
2.0723

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.2991, -1.3724,
2.6113

0.0000, NaN, NaN

■ 44.8215, -1.8387,
3.1879

0.0000, NaN, NaN

■ 55.0732, -2.3470,
3.8000

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.0056, -2.8941,
4.4457

0.0000, NaN, NaN

■ 77.5787, -3.4774,

0.0000, NaN, NaN

5.1235

■ 89.7588, -4.0949,
5.8319

■ 11.8197, -0.2737,
1.1170

■ 11.8197, -0.2737,
1.1170

■ 11.2701, 0.1722,
1.5877

■ 12.3843, -0.6954,
0.6243

■ 10.7359, 0.6451,
2.0330

■ 12.9619, -1.0938,
0.1115

■ 10.2188, 1.1463,
2.4497

■ 13.5520, -1.4710,
-0.4191

■ 9.7204, 1.6772,
2.8341

■ 14.1535, -1.8287,
-0.9658

■ 9.2424, 2.2387,
3.1817

■ 14.7657, -2.1686,
-1.5272

■ 8.7867, 2.8310,
3.4874

■ 15.3880, -2.4922,
-2.1018

■ 8.3517, 3.4346,
3.7997

■ 16.0197, -2.8008,
-2.6885

■ 7.9349, 4.0234,
4.1873

■ 16.6602, -3.0957,
-3.2865

■ 7.5377, 4.5920,
4.6572

■ 17.3091, -3.3781,
-3.8949

Harmonies

Analogous

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



11.8200, -0.0641, 0.8908



11.8197, -0.2737, 1.1170



11.8200, -0.5780, 1.2165

Triad

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



11.8200, -0.2740, 1.1172



11.8200, -1.2432, 0.6939



11.8200, -0.3672, 0.0962

Complementary

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



11.8197, -0.2737, 1.1170



11.9115, -0.9675, 0.1609

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.



11.8200, -0.6845, 0.0401



11.8197, -0.2737, 1.1170



11.8200, -1.1881, 0.3905

Square

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



11.8200, -0.2740, 1.1172



11.8200, -1.1358, 0.9763



11.8200, -0.9844, 0.1491



11.8200, -0.1183, 0.3005

Rectangle

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



11.8197, -0.2737, 1.1170



11.8200, -0.7923, 1.1992



11.8200, -0.9844, 0.1491



11.8200, -0.4695, 0.0592

Sweetspot

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



11.8200, -0.2740, 1.1172



15.4244, -0.6651, 1.0549



11.6456, 0.3465, 0.2248



9.0910, -0.3829, 0.6341



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.



11.8200, -0.2740, 1.1172



14.8126, -0.1951, 1.5858



12.1542, -0.8319, 1.4829



6.7591, -0.1960, 0.5884



15.5555, 14.1599, 9.8331



41.7676, 45.4104, 26.5320

Inverse Universe

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



11.9115, -0.9675, 0.1609



14.9636, -1.3398, 0.0073



11.5755, -0.4110, -0.2443



6.8016, -0.5182, 0.1441



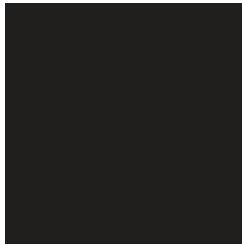
17.5564, -3.5607, -14.2574



47.4954, -7.0307, -44.1879

Previews

White Background



This preview shows how the HunterLab color 11.8197, -0.2737, 1.1170 looks on a white background.

Color Contrast Check

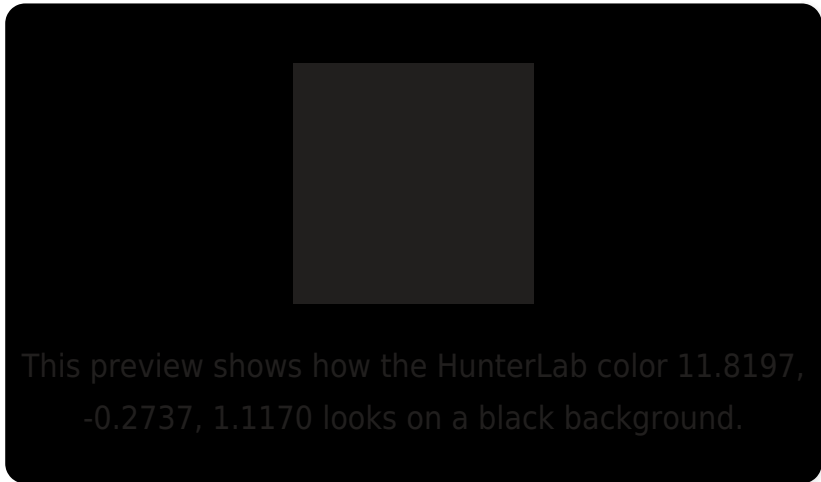
Large Text (above 18pt) WCAG AA ✓ Pass

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

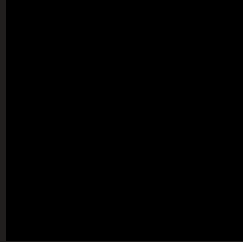
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

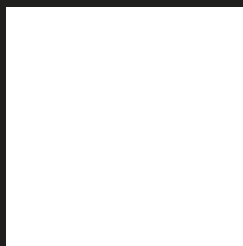
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 11.8197, -0.2737, 1.1170 Background



This preview shows how black text looks on a background with the HunterLab color 11.8197, -0.2737, 1.1170.

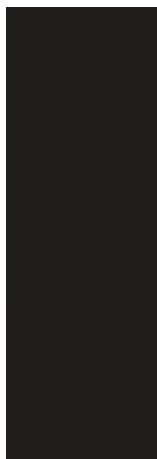


This preview shows how white text looks on a background with the HunterLab color 11.8197, -0.2737, 1.1170.

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

11.8197, -0.2737, 1.1170

Protanopia

11.7507, -0.5122, 1.0342

Deuteranopia

11.7457, 0.5957, 1.0478



Tritanopia

11.8874, 0.0945, 0.1502

Trichromacy



Original Color

11.8197, -0.2737, 1.1170

Protanomaly

11.7507, -0.5122, 1.0342

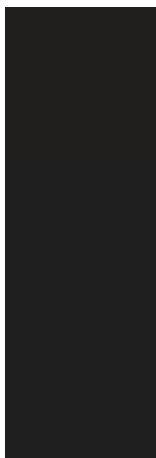
Deuteranomaly

11.6720, 0.3464, 0.9590

Tritanomaly

11.8642, -0.0315, 0.4812

Monochromacy



Original Color

11.8197, -0.2737, 1.1170

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

11.7728, -0.3916, 0.7189

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.8197, -0.2737, 1.1170 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(33, 31, 30)` looks like.

```
.text, #text, p{  
    color:rgb(33, 31, 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(33, 31, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 31, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 11.8197, -0.2737, 1.1170 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(33, 31, 30) }
```


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

```
.border{ border-color:rgb(33, 31, 30) }
```

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

Here you see how a box with a 4 pixel rgb(33, 31, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 31, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 31, 30);  
box-shadow:4px 4px 4px 4px rgb(33, 31, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 11.8197, -0.2737, 1.1170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 31, 30) }
```

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

```
.background{ background-color: rgb(33, 31,  
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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