

Converting Colors

HunterLab(11.7581, -0.2593,
2.6483)

Have a look what the booklet for
HunterLab(11.7581, -0.2593, 2.6483)
contains.

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Color

**HunterLab(11.8637, -0.3204,
2.7085)**

Conversions

Conversions Part 1

Format	Color
Hex	231F19
RGB	35, 31, 25
RGB Percent	14%, 12%, 10%
CMY	0.8627, 0.8784, 0.9020
CMYK	0.00, 0.11, 0.29, 0.86
HSL	36°, 17%, 12%
HSV	36°, 29%, 14%
XYZ	1.3586, 1.4075, 1.1198
YIQ	31.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

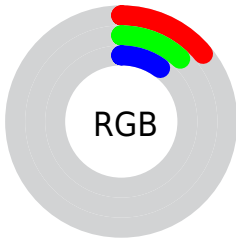
Format	Color
R_{YB}	32, 35, 25
Decimal	2301721
CIE Lab	12.01, 0.62, 4.80
CIE LCh	12, 4.836, 82.606
Yxy	1.4075, 0.3496, 0.3622
Android (android.graphics.Color)	4280491801 (0xFF231F19)
YUV	31.5120, -3.2104, 3.0590
Hunter-Lab	11.8637, -0.3204, 2.7085

Details

The HunterLab color **11.8637, -0.3204, 2.7085** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **10.9851, -0.6407, -1.8246**, and the grayscale version is **11.8744, -0.6336, 0.6452**.

A 20% lighter version of the original color is **26.6679, -1.2611, 4.2518**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.4971, -0.1318, 3.2968**, and if you desaturate by 10%, it is **12.2406, -0.4782, 2.0596**.

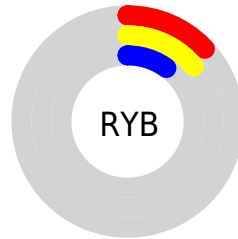
Distribution



Red (14%)

Green (12%)

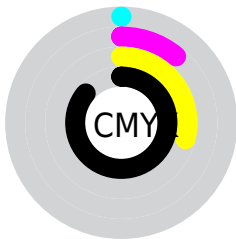
Blue (10%)



Red (13%)

Yellow (14%)

Blue (10%)

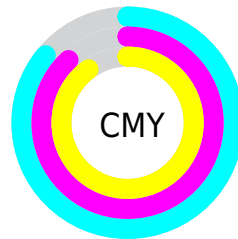


Cyan (0%)

Magenta (11%)

Yellow (29%)

Black (86%)



Cyan (86%)

Magenta (88%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.8637, -0.3204, 2.7085 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 11.8637, -0.3204, 2.7085 by changing the saturation by 10% instead.

■ 11.8637, -0.3204,
2.7085

■ 11.8637, -0.3204,
2.7085

■ 102.6074, -4.8406,
10.1599

■ 4.7145, 0.3234,
3.3002

■ 26.6244, -1.0133,
4.2672

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.3624, -1.4396,
5.0541

0.0000, NaN, NaN

■ 44.8901, -1.9115,
5.8560

0.0000, NaN, NaN

■ 55.1467, -2.4250,
6.6760

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.0837, -2.9769,
7.5158

0.0000, NaN, NaN

■ 77.6611, -3.5648,

0.0000, NaN, NaN

8.3761

■ 89.8453, -4.1866,
9.2574

■ 11.8637, -0.3204,
2.7085

■ 11.8637, -0.3204,
2.7085

■ 11.4971, -0.1318,
3.2968

■ 12.2406, -0.4782,
2.0596

■ 11.1405, 0.0898,
3.8206

■ 12.6265, -0.6056,
1.3531

■ 10.7945, 0.3452,
4.2766

■ 13.0213, -0.7041,
0.5925

■ 10.4598, 0.6351,
4.6617

■ 13.4245, -0.7753,
-0.2189

■ 10.1348, 0.9497,
5.0016

■ 13.8358, -0.8204,
-1.0780

■ 9.8144, 1.2600,
5.3757

■ 14.2547, -0.8409,
-1.9820

■ 9.4987, 1.5641,
5.7908

■ 14.6810, -0.8380,
-2.9280

■ 9.4540, 1.6070,
5.8536

■ 15.1143, -0.8131,
-3.9135

■ 15.5542, -0.7674,
-4.9362

Harmonies

Analogous

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



11.8640, 0.8714, 2.3324



11.8637, -0.3204, 2.7085



11.8640, -1.5493, 2.5798

Triad

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



11.8640, -0.3208, 2.7087



11.8640, -2.7853, -0.2733



11.8640, 1.3500, -0.8384

Complementary

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



11.8637, -0.3204, 2.7085



10.9851, -0.6407, -1.8246

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.



11.8640, 0.3106, -1.6810



11.8637, -0.3204, 2.7085



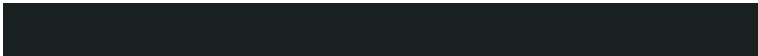
11.8640, -2.0673, -1.3318

Square

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



11.8640, -0.3208, 2.7087



11.8640, -2.9385, 0.9381



11.8640, -0.9434, -1.8704



11.8640, 1.8618, 0.3458

Rectangle

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



11.8637, -0.3204, 2.7085



11.8640, -2.2272, 2.2177



11.8640, -0.9434, -1.8704



11.8640, 1.0487, -1.1758

Sweetspot

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



11.8640, -0.3208, 2.7087



16.0123, -0.7548, 1.8226



10.6832, 2.3997, 0.1738



8.9730, -0.4236, 1.0163



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.



11.8640, -0.3208, 2.7087



14.7257, -0.2214, 4.0449



12.6978, -2.0317, 3.4943



7.5491, -0.3661, 0.7752



19.9245, 5.8226, 12.3793



53.2529, 19.8252, 33.1612

Inverse Universe

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



10.9851, -0.6407, -1.8246



13.3091, -0.7266, -3.2805



10.1795, 1.0714, -2.9701



7.4026, -0.4208, 0.0220



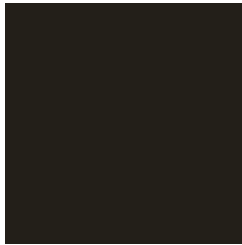
12.9250, 5.5756, -28.1913



33.0006, 21.5556, -87.7803

Previews

White Background



This preview shows how the HunterLab color 11.8637, -0.3204, 2.7085 looks on a white background.

Color Contrast Check

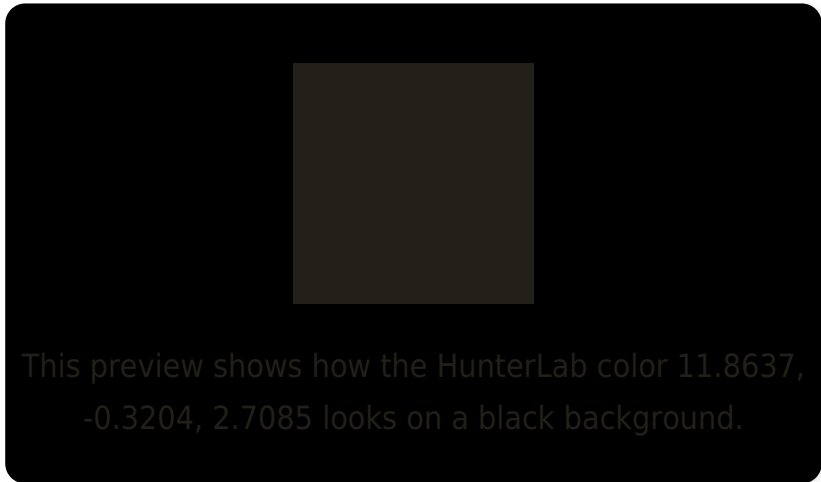
Large Text (above 18pt) WCAG AA ✓ Pass

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

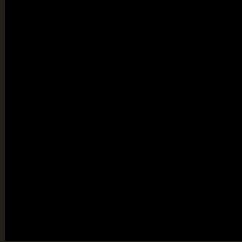
Any Text WCAG AA × Fail

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 11.8637, -0.3204, 2.7085 Background



This preview shows how black text looks on a background with the HunterLab color 11.8637, -0.3204, 2.7085.

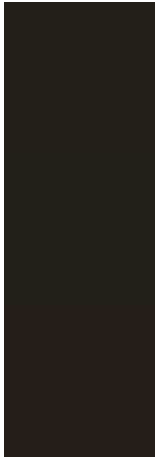


This preview shows how white text looks on a background with the HunterLab color 11.8637, -0.3204,

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

11.8637, -0.3204, 2.7085

Protanopia

12.0137, -0.9409, 2.8474

Deuteranopia

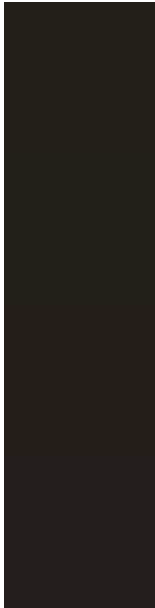
11.7985, 0.5740, 2.6585



Tritanopia

11.8655, 1.0868, 0.5023

Trichromacy



Original Color

11.8637, -0.3204, 2.7085

Protanomaly

12.0137, -0.9409, 2.8474

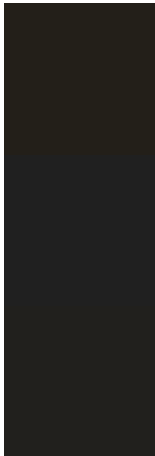
Deuteranomaly

11.7209, 0.3111, 2.5755

Tritanomaly

11.7997, 0.7348, 1.4431

Monochromacy



Original Color

11.8637, -0.3204, 2.7085

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

12.0211, -0.7610, 1.6609

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.8637, -0.3204, 2.7085 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(35, 31, 25)` looks like.

```
.text, #text, p{  
    color:rgb(35, 31, 25)  
}
```

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(35, 31, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 31, 25) }
```

Border

The CSS property to change the border of an element to HunterLab 11.8637, -0.3204, 2.7085 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(35, 31, 25) }
```


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

```
.border{ border-color:rgb(35, 31, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 31, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 31, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 31, 25);  
box-shadow:4px 4px 4px 4px rgb(35, 31, 25)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 11.8637, -0.3204, 2.7085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 31, 25) }
```

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

```
.background{ background-color: rgb(35, 31,  
25) }
```

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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