

Converting Colors

HunterLab(21.2727, -0.3066,
10.8619)

Have a look what the booklet for
HunterLab(21.2727, -0.3066,
10.8619) contains.

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Color

**HunterLab(21.2237, -0.0063,
10.8133)**

Conversions

Conversions Part 1

Format	Color
Hex	493A17
RGB	73, 58, 23
RGB Percent	29%, 23%, 9%
CMY	0.7137, 0.7725, 0.9098
CMYK	0.00, 0.21, 0.68, 0.71
HSL	42°, 52%, 19%
HSV	42°, 68%, 29%
XYZ	4.4154, 4.5045, 1.4474
YIQ	58.4950, 20.1750, -7.7050

Conversions

Conversions Part 2

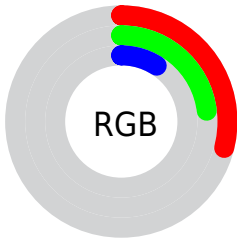
Format	Color
RYB	44, 73, 23
Decimal	4798999
CIELab	25.27, 1.84, 23.78
CIElCh	25, 23.855, 85.586
Yxy	4.5047, 0.4259, 0.4345
Android (android.graphics.Color)	4282989079 (0xFF493A17)
YUV	58.4950, -17.4990, 12.7209
Hunter-Lab	21.2237, -0.0063, 10.8133

Details

The HunterLab color **21.2237, -0.0063, 10.8133** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **14.3156, 2.9909, -17.2324**, and the grayscale version is **20.7932, -1.1095, 1.1297**.

A 20% lighter version of the original color is **38.3658, -0.9196, 15.4184**, and **7.6824, 0.7591, 4.7472** is the 20% darker color. If you saturate the color by 10%, you get **20.6475, 0.5573, 11.3584**, and if you desaturate by 10%, it is **21.8257, -0.4778, 10.0488**.

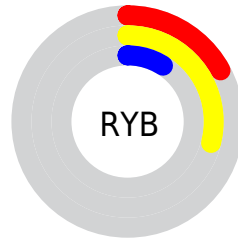
Distribution



Red (29%)

Green (23%)

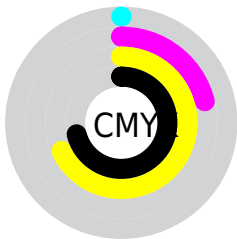
Blue (9%)



Red (17%)

Yellow (29%)

Blue (9%)

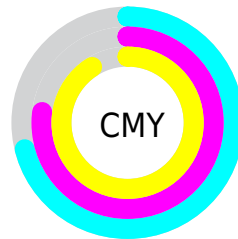


Cyan (0%)

Magenta (21%)

Yellow (68%)

Black (71%)



Cyan (71%)

Magenta (77%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2237, -0.0063, 10.8133 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 21.2237, -0.0063, 10.8133 by changing the saturation by 10% instead.

■ 21.2237, -0.0063,
10.8133

■ 21.2237, -0.0063,
10.8133

■ 120.3877, -4.4353,
28.5697

■ 13.9989, 0.2360,
9.0440

■ 38.3910, -0.6827,
15.3432

■ 7.6413, 0.6389,
5.3489

■ 48.1628, -1.0986,
17.4064

0.0000, NaN, NaN

■ 58.6465, -1.5597,
19.3837

0.0000, NaN, NaN

■ 69.7968, -2.0623,
21.2971

0.0000, NaN, NaN

■ 81.5758, -2.6033,
23.1623

0.0000, NaN, NaN

■ 93.9518, -3.1805,

0.0000, NaN, NaN

■ 106.8971, -3.7917,
26.7910

■ 21.2237, -0.0063,
10.8133

■ 21.2237, -0.0063,
10.8133

■ 20.6475, 0.5573,
11.3584

■ 21.8257, -0.4778,
10.0488

■ 20.0954, 1.2107,
11.6921

■ 22.4516, -0.8536,
9.0658

■ 19.5565, 1.8890,
11.9878

■ 23.1014, -1.1351,
7.8690

■ 19.4759, 1.9910,
12.0358

■ 23.7743, -1.3240,
6.4650

■ 24.4697, -1.4226,
4.8617

■ 25.1867, -1.4339,
3.0680

■ 25.9246, -1.3610,
1.0933

■ 26.6825, -1.2077,
-1.0530

■ 27.4597, -0.9776,
-3.3615

Harmonies

Analogous

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



21.2242, 7.6890, 9.6689



21.2237, -0.0063, 10.8133



21.2242, -7.0339, 10.2044

Triad

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



21.2242, -0.0072, 10.8135



21.2242, -12.6819, -5.6985



21.2242, 12.1868, -8.2010

Complementary

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



21.2237, -0.0063, 10.8133



14.3156, 2.9909, -17.2324

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.



21.2242, 5.4912, -15.4091



21.2237, -0.0063, 10.8133



21.2242, -8.7154, -13.6457

Square

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



21.2242, -0.0072, 10.8135



21.2242, -13.7310, 2.1887



21.2242, -2.2370, -17.6864



21.2242, 15.3253, 0.0672

Rectangle

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



21.2237, -0.0063, 10.8133



21.2242, -10.5209, 8.7132



21.2242, -2.2370, -17.6864



21.2242, 10.2357, -10.9272

Sweetspot

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



21.2242, -0.0072, 10.8135



31.5378, -1.8215, 7.0431



14.7284, 15.4792, 1.9645



16.2223, -0.9326, 3.7804



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



21.2242, -0.0072, 10.8135



26.3881, 1.2762, 15.0926



24.2564, -8.6925, 12.8130



12.8648, -0.7326, 1.5739



26.4780, 3.2892, 16.3732



64.0902, 10.4972, 39.6759

Inverse Universe

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



14.3156, 2.9909, -17.2324



15.6968, 7.0120, -30.5160



11.9047, 11.1977, -23.8612



12.3839, -0.5838, -0.2557



13.5259, 12.4062, -43.6876



31.1236, 36.8952, -118.5480

Previews

White Background



This preview shows how the HunterLab color 21.2237, -0.0063, 10.8133 looks on a white background.

Color Contrast Check

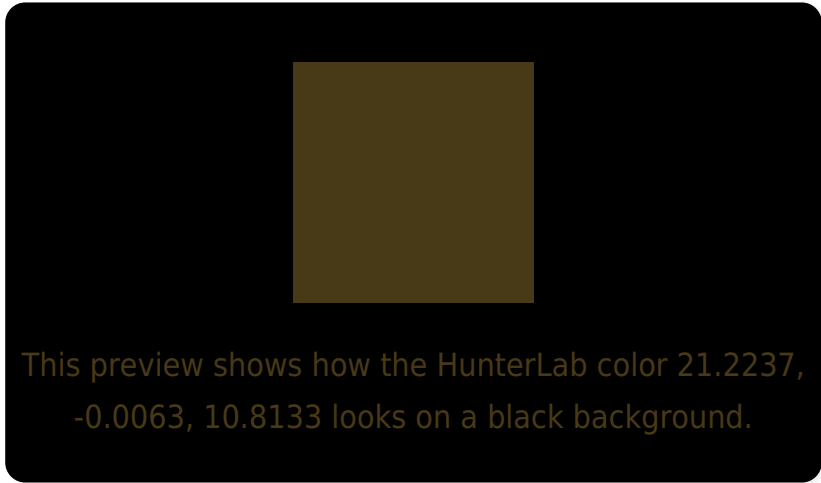
Large Text (above 18pt) WCAG AA ✓ Pass

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

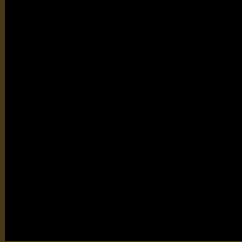
Any Text WCAG AA × Fail

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 21.2237, -0.0063, 10.8133 Background



This preview shows how black text looks on a background with the HunterLab color 21.2237, -0.0063, 10.8133.

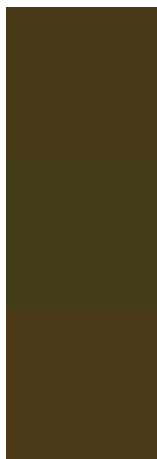


This preview shows how white text looks on a background with the HunterLab color 21.2237, -0.0063,

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

21.2237, -0.0063, 10.8133

Protanopia

21.1919, -2.5895, 10.5953

Deuteranopia

21.1754, 1.0401, 10.7967



Tritanopia

21.1910, 5.7829, 1.5823

Trichromacy



Original Color

21.2237, -0.0063, 10.8133

Protanomaly

21.1165, -1.5940, 10.5577

Deuteranomaly

21.0807, 0.7197, 10.7226

Tritanomaly

21.0368, 3.5830, 5.7407

Monochromacy



Original Color

21.2237, -0.0063, 10.8133

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.6696, -1.3123, 5.5923

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2237, -0.0063, 10.8133 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(73, 58, 23)` looks like.

```
.text, #text, p{  
    color:rgb(73, 58, 23)  
}
```

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(73, 58, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 58, 23) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2237, -0.0063, 10.8133 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(73, 58, 23) }
```


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

```
.border{ border-color:rgb(73, 58, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 58, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 58, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 58, 23);  
box-shadow:4px 4px 4px 4px rgb(73, 58, 23)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.2237, -0.0063, 10.8133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 58, 23) }
```

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

```
.background{ background-color: rgb(73, 58,  
23) }
```

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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