

Converting Colors

HunterLab(12.6669, 22.0671,
5.2811)

Have a look what the booklet for
HunterLab(12.6669, 22.0671,
5.2811) contains.

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Color

**HunterLab(12.5838, 21.9237,
5.2351)**

Conversions

Conversions Part 1

Format	Color
Hex	4C0013
RGB	76, 0, 19
RGB Percent	30%, 0%, 7%
CMY	0.7020, 1.0000, 0.9255
CMYK	0.00, 1.00, 0.75, 0.70
HSL	345°, 100%, 15%
HSV	345°, 100%, 30%
XYZ	3.0980, 1.5835, 0.7585
YIQ	24.8900, 39.1970, 22.0210

Conversions

Conversions Part 2

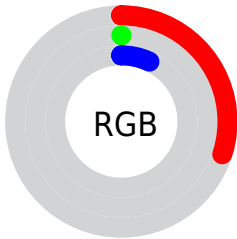
Format	Color
RYB	76, 0, 19
Decimal	4980755
CIELab	13.13, 34.16, 11.79
CIElCh	13, 36.135, 19.042
Yxy	1.5836, 0.5695, 0.2911
Android (android.graphics.Color)	4283170835 (0xFF4C0013)
YUV	24.8900, -2.9038, 44.8235
Hunter-Lab	12.5838, 21.9237, 5.2351

Details

The HunterLab color **12.5838, 21.9237, 5.2351** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **23.3759, -15.5323, 4.3126**, and the grayscale version is **9.8272, -0.5244, 0.5339**.

A 20% lighter version of the original color is **27.6206, 24.8290, 7.9774**, and **2.7958, 4.7878, 1.8066** is the 20% darker color. If you saturate the color by 10%, you get **12.5837, 21.9235, 5.2358**, and if you desaturate by 10%, it is **13.3060, 20.1159, 4.5282**.

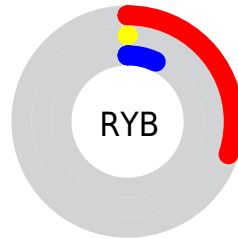
Distribution



Red (30%)

Green (0%)

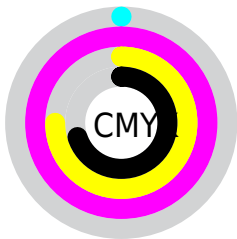
Blue (7%)



Red (30%)

Yellow (0%)

Blue (7%)

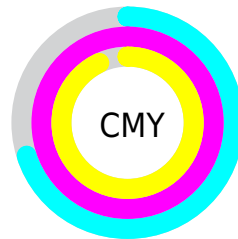


Cyan (0%)

Magenta (100%)

Yellow (75%)

Black (70%)



Cyan (70%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5838, 21.9237, 5.2351 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 12.5838, 21.9237, 5.2351 by changing the saturation by 10% instead.

12.5838, 21.9237,
5.2351

12.5838, 21.9237,
5.2351

104.0747, 32.0740,
16.5828

5.8866, 26.2633,
4.1206

27.5635, 25.0027,
7.9438

0.0000, INF, NaN

0.0000, NaN, NaN

36.3937, 26.3569,
9.2255

0.0000, NaN, NaN

46.0059, 27.5796,
10.4742

0.0000, NaN, NaN

0.0000, NaN, NaN

56.3411, 28.6809,
11.7044

0.0000, NaN, NaN


67.3518, 29.6716,
12.9250


0.0000, NaN, NaN


78.9989, 30.5617,


0.0000, NaN, NaN


14.1423


 91.2493, 31.3600,
15.3605


 12.5838, 21.9237,
5.2351


 12.5838, 21.9237,
5.2351


 12.5837, 21.9235,
5.2358

 13.3060, 20.1159,
4.5282

 14.0704, 18.4301,
3.7031

 15.0651, 16.3266,
2.9682

 16.2832, 13.9221,
2.3691

 17.6984, 11.3574,
1.9164

■ 19.2839, 8.7346,
1.6047

■ 21.0147, 6.1178,
1.4198

■ 22.8698, 3.5418,
1.3449

■ 24.8313, 1.0225,
1.3634

Harmonies

Analogous

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



12.5842, 23.0194, -3.1249



12.5838, 21.9237, 5.2351



12.5842, 13.8336, 8.8089

Triad

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



12.5842, 21.9222, 5.2354



12.5842, -11.8744, 8.8089



12.5842, -3.9879, -31.5529

Complementary

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



12.5838, 21.9237, 5.2351



23.3759, -15.5323, 4.3126

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.



12.5842, -10.6272, -21.0549



12.5838, 21.9237, 5.2351



12.5842, -14.7094, 3.5832

Square

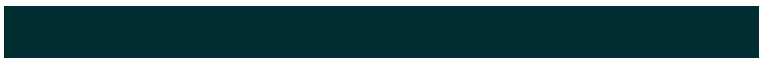
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12.5842, 21.9222, 5.2354



12.5842, -6.1390, 8.8089



12.5842, -14.2529, -6.4838



12.5842, 5.9241, -29.7187

Rectangle

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



12.5838, 21.9237, 5.2351



12.5842, 6.6231, 8.8089



12.5842, -14.2529, -6.4838



12.5842, -6.6100, -29.1552

Sweetspot

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



12.5842, 21.9222, 5.2354



27.4722, 8.4722, 1.8947



11.7975, 24.6239, -26.6620



13.8082, 4.7497, 0.9951



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



12.5842, 21.9222, 5.2354



16.5760, 28.8066, 7.4575



14.1505, 15.7721, 8.9950



13.0727, 0.3610, 0.7147



17.0209, 29.5739, 7.7039



41.2789, 71.4157, 21.0576

Inverse Universe

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



12.5842, 21.9222, 5.2354



16.5760, 28.8066, 7.4575



18.5693, -5.8910, -10.4921



13.0727, 0.3610, 0.7147



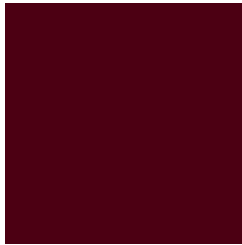
17.0209, 29.5739, 7.7039



41.2789, 71.4157, 21.0576

Previews

White Background



This preview shows how the HunterLab color 12.5838, 21.9237, 5.2351 looks on a white background.

Color Contrast Check

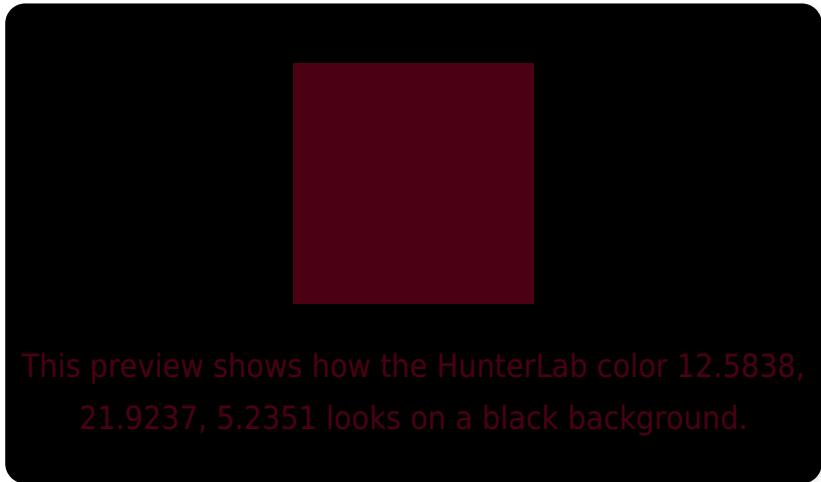
Large Text (above 18pt) WCAG AA ✓ Pass

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

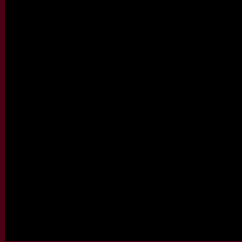
Any Text WCAG AA × Fail

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 12.5838, 21.9237, 5.2351 Background



This preview shows how black text looks on a background with the HunterLab color 12.5838, 21.9237, 5.2351.



This preview shows how white text looks on a background with the HunterLab color 12.5838, 21.9237,

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

12.5838, 21.9237, 5.2351

Protanopia

14.1815, -1.3844, 3.8546

Deuteranopia

14.0926, 0.2489, 6.7867



Tritanopia

13.1192, 19.1484, 7.7703

Trichromacy



Original Color

12.5838, 21.9237, 5.2351

Protanomaly

12.4488, 7.5291, 3.4224

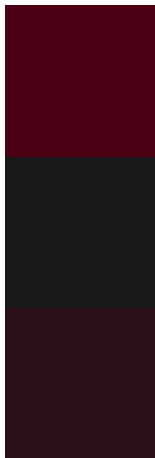
Deuteranomaly

12.6104, 8.5786, 5.6158

Tritanomaly

12.9111, 20.1197, 6.9893

Monochromacy



Original Color

12.5838, 21.9237, 5.2351

Achromatopsia

9.8596, -0.5261, 0.5357

Achromatomaly

9.8383, 7.7965, 1.3137

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5838, 21.9237, 5.2351 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(76, 0, 19)` looks like.

```
.text, #text, p{  
    color:rgb(76, 0, 19)  
}
```

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(76, 0, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 0, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5838, 21.9237, 5.2351 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(76, 0, 19) }
```


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

```
.border{ border-color:rgb(76, 0, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 0, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 0, 19); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 0, 19); box-shadow:4px  
4px 4px 4px rgb(76, 0, 19) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.5838, 21.9237, 5.2351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 0, 19) }
```

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

```
.background{ background-color: rgb(76, 0,  
19) }
```

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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