

Converting Colors

HunterLab(21.4953, -0.5003,
10.0683)

Have a look what the booklet for
HunterLab(21.4953, -0.5003,
10.0683) contains.

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Color

**HunterLab(21.4344, -0.3835,
9.9858)**

Conversions

Conversions Part 1

Format	Color
Hex	483B1D
RGB	72, 59, 29
RGB Percent	28%, 23%, 11%
CMY	0.7176, 0.7686, 0.8863
CMYK	0.00, 0.18, 0.60, 0.72
HSL	42°, 43%, 20%
HSV	42°, 60%, 28%
XYZ	4.4582, 4.5943, 1.8142
YIQ	59.4670, 17.3780, -6.5740

Conversions

Conversions Part 2

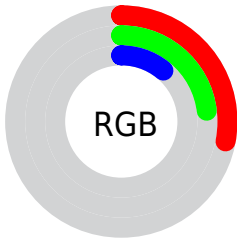
Format	Color
R_{YB}	48, 72, 29
Decimal	4733725
CIE Lab	25.55, 1.24, 20.55
CIE LCh	26, 20.587, 86.548
Yxy	4.5946, 0.4103, 0.4228
Android (android.graphics.Color)	4282923805 (0xFF483B1D)
YUV	59.4670, -15.0202, 10.9914
Hunter-Lab	21.4344, -0.3835, 9.9858

Details

The HunterLab color **21.4344, -0.3835, 9.9858** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **15.4431, 1.9207, -13.9883**, and the grayscale version is **21.1197, -1.1269, 1.1475**.

A 20% lighter version of the original color is **38.6524, -1.0668, 13.8611**, and **7.8772, 0.4103, 4.8611** is the 20% darker color. If you saturate the color by 10%, you get **20.8420, 0.0955, 10.7137**, and if you desaturate by 10%, it is **22.0519, -0.7712, 9.0440**.

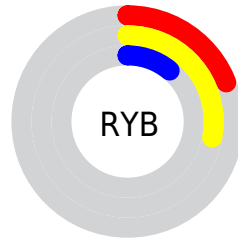
Distribution



Red (28%)

Green (23%)

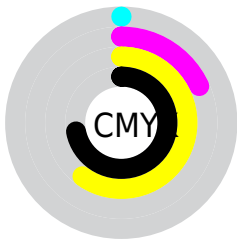
Blue (11%)



Red (19%)

Yellow (28%)

Blue (11%)

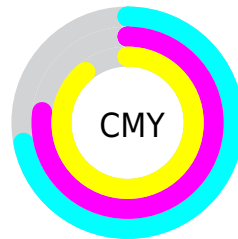


Cyan (0%)

Magenta (18%)

Yellow (60%)

Black (72%)



Cyan (72%)

Magenta (77%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.4344, -0.3835, 9.9858 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 21.4344, -0.3835, 9.9858 by changing the saturation by 10% instead.

■ 21.4344, -0.3835,
9.9858

■ 21.4344, -0.3835,
9.9858

■ 120.7631, -5.1032,
25.9021

■ 14.1824, -0.0934,
8.0993

■ 38.6476, -1.1407,
13.9726

■ 7.8363, 0.2708,
5.4854

■ 48.4395, -1.5921,
15.8057

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.9420, -2.0863,
17.5729

0.0000, NaN, NaN

■ 70.1098, -2.6200,
19.2923

0.0000, NaN, NaN

■ 81.9055, -3.1906,
20.9767

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.2974, -3.7958,

22.6355

0.0000, NaN, NaN

107.2579, -4.4339,
24.2755

21.4344, -0.3835,
9.9858

21.4344, -0.3835,
9.9858

20.8420, 0.0955,
10.7137

22.0519, -0.7712,
9.0440

20.2737, 0.6674,
11.2258

22.6925, -1.0653,
7.8918

19.7290, 1.3228,
11.5414

23.3561, -1.2683,
6.5359

19.1958, 1.9932,
11.8455

24.0419, -1.3824,
4.9840

19.1811, 2.0118,
11.8545

24.7491, -1.4105,
3.2448

■ 25.4769, -1.3557,
1.3273

■ 26.2246, -1.2216,
-0.7590

■ 26.9913, -1.0117,
-3.0049

■ 27.7762, -0.7298,
-5.4013

Harmonies

Analogous

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



21.4349, 6.2160, 8.9249



21.4344, -0.3835, 9.9858



21.4349, -6.4672, 9.3307

Triad

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



21.4349, -0.3844, 9.9860



21.4349, -11.2500, -4.8797



21.4349, 10.3549, -6.5068

Complementary

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



21.4344, -0.3835, 9.9858



15.4431, 1.9207, -13.9883

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.



21.4349, 4.7535, -12.4849



21.4344, -0.3835, 9.9858



21.4349, -7.6295, -11.3651

Square

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



21.4349, -0.3844, 9.9860



21.4349, -12.2822, 1.8729



21.4349, -1.8949, -14.4852



21.4349, 12.8655, 0.4358

Rectangle

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



21.4344, -0.3835, 9.9858



21.4349, -9.5108, 7.8571



21.4349, -1.8949, -14.4852



21.4349, 8.7407, -8.7672

Sweetspot

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



21.4349, -0.3844, 9.9860



31.8121, -1.8326, 6.3576



15.5823, 13.2929, 1.2778



16.3468, -0.9384, 3.4695



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.



21.4349, -0.3844, 9.9860



27.1066, 0.5012, 14.5202



24.1191, -7.7129, 11.8695



12.8630, -0.7295, 1.5719



26.4240, 3.3886, 16.3417



63.9496, 10.7618, 39.5938

Inverse Universe

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



15.4431, 1.9207, -13.9883



17.5181, 4.8791, -25.2402



13.1826, 8.9927, -19.2937



12.3858, -0.5870, -0.2535



13.5689, 12.2934, -43.4979



31.2261, 36.5986, -118.0358

Previews

White Background



This preview shows how the HunterLab color 21.4344, -0.3835, 9.9858 looks on a white background.

Color Contrast Check

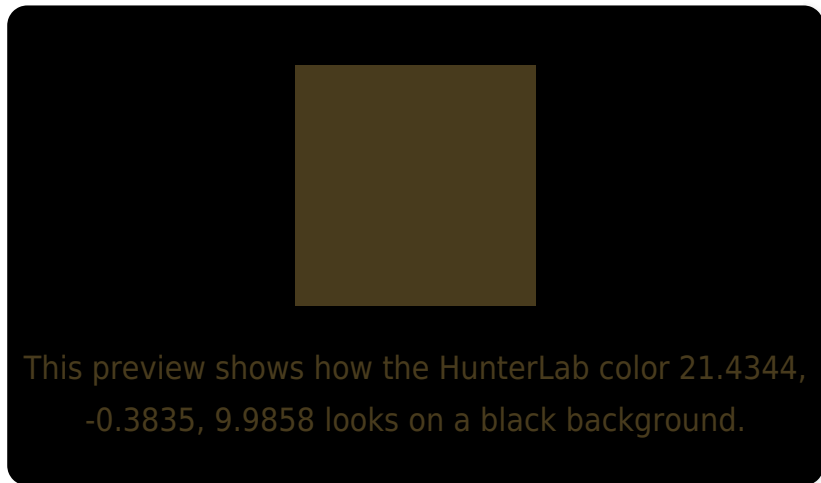
Large Text (above 18pt) WCAG AA ✓ Pass

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

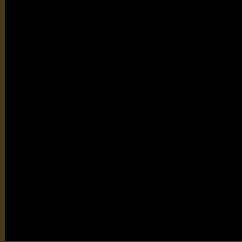
Any Text WCAG AA × Fail

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 21.4344, -0.3835, 9.9858 Background



This preview shows how black text looks on a background with the HunterLab color 21.4344, -0.3835, 9.9858.

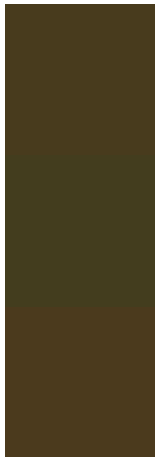


This preview shows how white text looks on a background with the HunterLab color 21.4344, -0.3835, 9.9858.

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

21.4344, -0.3835, 9.9858

Protanopia

21.5047, -2.6231, 9.8187

Deuteranopia

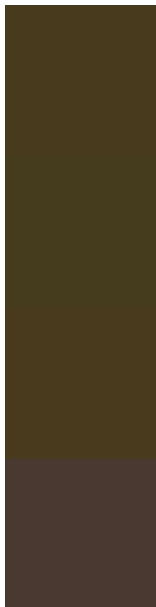
21.4725, 0.9660, 10.0385



Tritanopia

21.5649, 4.7361, 1.6176

Trichromacy



Original Color

21.4344, -0.3835, 9.9858

Protanomaly

21.4258, -1.6346, 9.7749

Deuteranomaly

21.3791, 0.6498, 9.9614

Tritanomaly

21.4566, 2.7284, 5.2399

Monochromacy



Original Color

21.4344, -0.3835, 9.9858

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

21.0507, -1.1245, 5.0758

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.4344, -0.3835, 9.9858 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(72, 59, 29)` looks like.

```
.text, #text, p{  
    color:rgb(72, 59, 29)  
}
```

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(72, 59, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 59, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 21.4344, -0.3835, 9.9858 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(72, 59, 29) }
```


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

```
.border{ border-color:rgb(72, 59, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 59, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 59, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 59, 29);  
box-shadow:4px 4px 4px 4px rgb(72, 59, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.4344, -0.3835, 9.9858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 59, 29) }
```

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

```
.background{ background-color: rgb(72, 59,  
29) }
```

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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