

# Converting Colors

HunterLab(36.8994, 2.3419,  
12.6501)

Have a look what the booklet for  
HunterLab(36.8994, 2.3419,  
12.6501) contains.

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# Color

**HunterLab(36.8994, 2.3419,  
12.6501)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B6349
RGB	123, 99, 73
RGB Percent	48%, 39%, 29%
CMY	0.5176, 0.6118, 0.7137
CMYK	0.00, 0.20, 0.41, 0.52
HSL	31°, 26%, 38%
HSV	31°, 41%, 48%
XYZ	13.8328, 13.6157, 8.2023
YIQ	103.2120, 22.6500, -2.9980

# Conversions

## Conversions Part 2

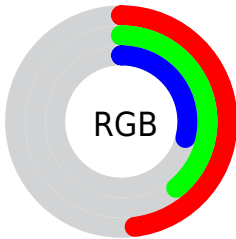
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 123, 73
Decimal	8086345
CIE <sub>Lab</sub>	43.68, 5.77, 18.42
CIE <sub>LCh</sub>	44, 19.308, 72.599
Yxy	13.6163, 0.3880, 0.3819
Android (android.graphics.Color)	4286276425 (0xFF7B6349)
YUV	103.2120, -14.8945, 17.3541
Hunter-Lab	36.8994, 2.3419, 12.6501

# Details

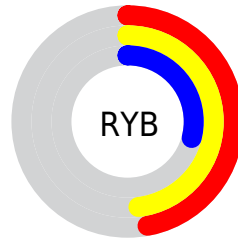
The HunterLab color  $[36.8994, 2.3419, 12.6501]$  is a dark color, and the websafe version is hex  $666633$ . A complement of this color would be  $[33.7572, -3.0390, -12.1645]$ , and the grayscale version is  $[36.9576, -1.9720, 2.0080]$ .

A 20% lighter version of the original color is  $[57.0657, 1.9526, 16.0678]$ , and  $[20.1280, 2.3996, 9.0208]$  is the 20% darker color. If you saturate the color by 10%, you get  $[35.2007, 3.9442, 14.3944]$ , and if you desaturate by 10%, it is  $[38.6727, 0.9213, 10.5736]$ .

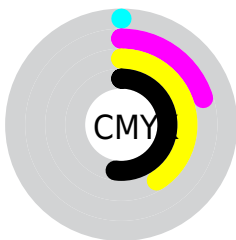
# Distribution



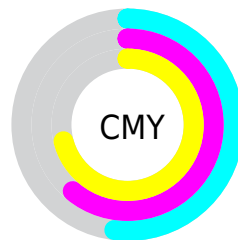
- Red (48%)
- Green (39%)
- Blue (29%)



- Red (47%)
- Yellow (48%)
- Blue (29%)



- Cyan (0%)
- Magenta (20%)
- Yellow (41%)
- Black (52%)



- Cyan (52%)
- Magenta (61%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.8994, 2.3419, 12.6501 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 36.8994, 2.3419, 12.6501 by changing the saturation by 10% instead.



36.8994, 2.3419,  
12.6501

36.8994, 2.3419,  
12.6501

146.5710, -1.0917,  
26.8318

28.0255, 2.4544,  
10.8695

56.9268, 1.9134,  
15.9905

20.0046, 2.4866,  
8.9653

67.9733, 1.6152,  
17.5917

12.9406, 2.4182,  
7.4062

79.6543, 1.2679,  
19.1644

6.3807, 3.6026,  
4.4665

91.9369, 0.8752,  
20.7170

0.0000, NaN, NaN

0.0000, NaN, NaN

104.7929, 0.4404,  
22.2558

0.0000, NaN, NaN

118.1980, -0.0338,

0.0000, NaN, NaN

23.7856

0.0000, NaN, NaN

132.1305, -0.5452,  
25.3100

■ 36.8994, 2.3419,  
12.6501

■ 36.8994, 2.3419,  
12.6501

■ 35.2007, 3.9442,  
14.3944

■ 38.6727, 0.9213,  
10.5736

■ 33.5797, 5.7381,  
15.7779

■ 40.5126, -0.3216,  
8.1912

■ 32.0430, 7.7234,  
16.7767

■ 42.4151, -1.3984,  
5.5302

■ 30.5963, 9.8947,  
17.3729

■ 44.3757, -2.3199,  
2.6156

■ 29.2450, 12.2373,  
17.5617

■ 46.3901, -3.0970,  
-0.5294

■ 28.0607, 14.5053,  
17.5448

■ 48.4547, -3.7405,  
-3.8841

■ 50.5661, -4.2607,  
-7.4296

■ 52.7211, -4.6673,  
-11.1494

■ 54.9169, -4.9692,  
-15.0285

# Harmonies

## Analogous

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



36.9003, 8.9903, 9.9814



36.8994, 2.3419, 12.6501



36.9003, -4.9957, 12.8456

# Triad

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



36.9003, 2.3405, 12.6506



36.9003, -14.7455, -1.0378



36.9003, 8.0640, -9.2893

# Complementary

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



36.8994, 2.3419, 12.6501



33.7572, -3.0390, -12.1645

# 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.



36.9003, 1.1546, -13.6219



36.8994, 2.3419, 12.6501



36.9003, -11.7853, -8.2700

# Square

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



36.9003, 2.3405, 12.6506



36.9003, -14.4825, 5.7983



36.9003, -6.0930, -13.2162



36.9003, 12.4677, -2.2313



# Rectangle

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



36.8994, 2.3419, 12.6501



36.9003, -9.2628, 11.6144



36.9003, -6.0930, -13.2162



36.9003, 5.9353, -11.1694

# Sweetspot

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



36.9003, 2.3405, 12.6506



56.3351, -1.6490, 8.0104



31.3725, 17.4508, -1.8132



27.2129, -0.7324, 4.0677



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703



# Same Dimension

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



36.9003, 2.3405, 12.6506



47.2044, 5.1771, 19.1685



43.3552, -8.6168, 17.9441



20.8032, -0.7570, 2.4756



28.5213, 14.7964, 17.8337



60.9014, 35.4664, 38.1481



# Inverse Universe

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



33.7572, -3.0390, -12.1645



42.0896, -3.4361, -21.3946



27.6487, 8.2275, -23.0027



20.4485, -1.3781, -0.3067



21.6975, 5.7355, -39.5013

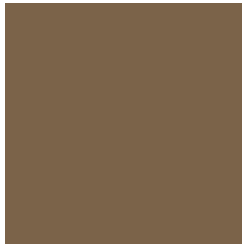


45.5750, 16.1974, -91.9303



# Previews

## White Background



This preview shows how the HunterLab color 36.8994, 2.3419, 12.6501 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

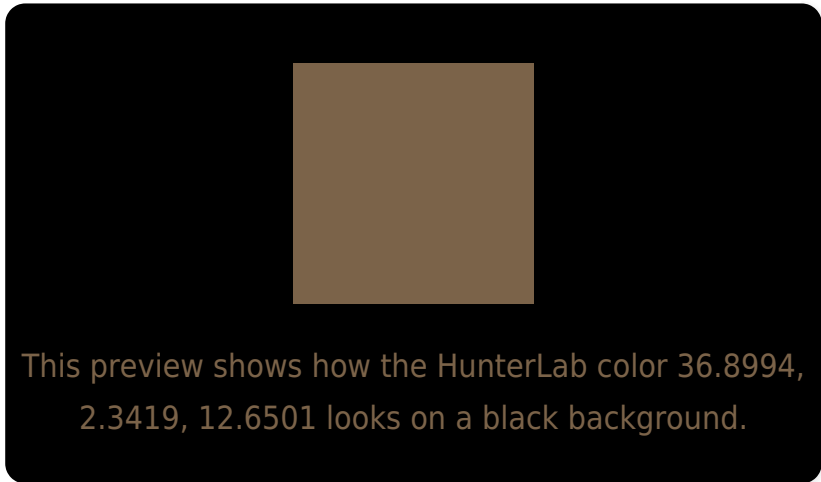
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

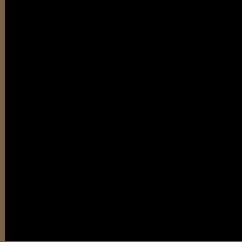
Any Text WCAG AA × Fail

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 36.8994, 2.3419, 12.6501 Background



This preview shows how black text looks on a background with the HunterLab color 36.8994, 2.3419, 12.6501.



This preview shows how white text looks on a background with the HunterLab color 36.8994, 2.3419,



# 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

36.8994, 2.3419, 12.6501

### Protanopia

36.8619, -3.1271, 11.9527

### Deuteranopia

36.8994, 2.3419, 12.6501



## Tritanopia

36.8502, 8.6299, 2.6329

# Trichromacy



## Original Color

36.8994, 2.3419, 12.6501

## Protanomaly

36.9351, -1.5314, 12.3327

## Deuteranomaly

36.8994, 2.3419, 12.6501

## Tritanomaly

36.7165, 6.3781, 6.7537

# Monochromacy



## Original Color

36.8994, 2.3419, 12.6501

## Achromatopsia

36.8284, -1.9651, 2.0010

## Achromatomaly

36.8652, -1.0188, 6.4141

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 36.8994, 2.3419, 12.6501 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(123, 99, 73)` looks like.

```
.text, #text, p{  
    color:rgb(123, 99, 73)  
}
```

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(123, 99, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 99, 73) }
```

## Border

The CSS property to change the border of an element to HunterLab 36.8994, 2.3419, 12.6501 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(123, 99, 73) }
```



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

```
.border{ border-color:rgb(123, 99, 73) }
```

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

Here you see how a box with a 4 pixel rgb(123, 99, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 99, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 99, 73);  
box-shadow:4px 4px 4px 4px rgb(123, 99,  
73) }
```

# Background

The CSS property to change the background color of an element to HunterLab 36.8994, 2.3419, 12.6501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 99, 73) }
```

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

```
.background{ background-color: rgb(123, 99,  
73) }
```

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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