

Converting Colors

HunterLab(37.0789, 33.3833,
12.6397)

Have a look what the booklet for
HunterLab(37.0789, 33.3833,
12.6397) contains.

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Color

**HunterLab(36.9949, 33.4588,
12.4237)**

Conversions

Conversions Part 1

Format	Color
Hex	AB474C
RGB	171, 71, 76
RGB Percent	67%, 28%, 30%
CMY	0.3294, 0.7215, 0.7020
CMYK	0.00, 0.58, 0.56, 0.33
HSL	357°, 41%, 47%
HSV	357°, 58%, 67%
XYZ	20.3524, 13.6862, 8.4065
YIQ	101.4700, 57.9950, 22.7550

Conversions

Conversions Part 2

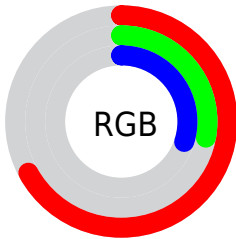
Format	Color
RYB	171, 71, 76
Decimal	11224908
CIELab	43.78, 41.46, 17.91
CIELCh	44, 45.160, 23.361
Yxy	13.6870, 0.4795, 0.3225
Android (android.graphics.Color)	4289414988 (0xFFAB474C)
YUV	101.4700, -12.5567, 60.9778
Hunter-Lab	36.9949, 33.4588, 12.4237

Details

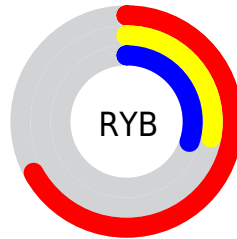
The HunterLab color **36.9949, 33.4588, 12.4237** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **57.6358, -26.3938, -2.0615**, and the grayscale version is **36.2829, -1.9360, 1.9713**.

A 20% lighter version of the original color is **56.9821, 36.2902, 15.5595**, and **20.1303, 30.2605, 8.9092** is the 20% darker color. If you saturate the color by 10%, you get **34.0752, 39.4714, 14.3086**, and if you desaturate by 10%, it is **40.5362, 26.9753, 10.5581**.

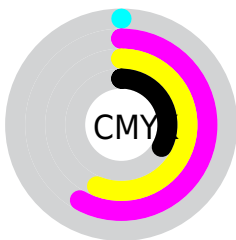
Distribution



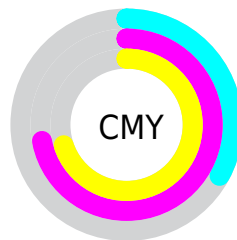
- Red (67%)
- Green (28%)
- Blue (30%)



- Red (67%)
- Yellow (28%)
- Blue (30%)



- Cyan (0%)
- Magenta (58%)
- Yellow (56%)
- Black (33%)



- Cyan (33%)
- Magenta (72%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.9949, 33.4588, 12.4237 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 36.9949, 33.4588, 12.4237 by changing the saturation by 10% instead.

36.9949, 33.4588,
12.4237

36.9949, 33.4588,
12.4237

146.7224, 43.2639,
26.3555

28.1128, 31.8304,
10.6844

57.0373, 36.3416,
15.6942

20.0826, 30.0984,
8.8272

68.0906, 37.6105,
17.2646

13.0081, 28.3381,
7.2405

79.7779, 38.7740,
18.8087

6.4695, 31.3686,
4.5286

92.0665, 39.8401,
20.3346

0.0000, INF, NaN

0.0000, NaN, NaN

104.9284, 40.8159,
21.8481

0.0000, NaN, NaN

118.3390, 41.7081,

0.0000, NaN, NaN

132.2767, 42.5224,
24.8555

■ 36.9949, 33.4588,
12.4237

■ 36.9949, 33.4588,
12.4237

■ 34.0752, 39.4714,
14.3086

■ 40.5362, 26.9753,
10.5581

■ 31.8546, 44.5334,
16.0627

■ 44.6053, 20.3850,
8.8012

■ 30.3780, 48.1423,
17.5066

■ 49.1185, 13.8949,
7.1957

■ 29.5613, 50.2145,
18.4585

■ 54.0033, 7.6052,
5.7503

■ 29.4561, 50.5080,
18.5412

■ 59.2007, 1.5484,
4.4567

■ 64.6634, -4.2791,
3.2988

■ 70.3541, -9.8982,
2.2587

■ 76.2429, -15.3353,
1.3194

■ 82.3060, -20.6177,
0.4655

Harmonies

Analogous

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



36.9959, 36.8417, -1.8029



36.9949, 33.4588, 12.4237



36.9959, 19.8501, 19.3857

Triad

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



36.9959, 33.4560, 12.4244



36.9959, -24.9072, 16.2768



36.9959, -5.7148, -44.7087

Complementary

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



36.9949, 33.4588, 12.4237



57.6358, -26.3938, -2.0615

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.



36.9959, -19.6824, -33.0705



36.9949, 33.4588, 12.4237



36.9959, -29.3807, 5.4627

Square

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



36.9959, 33.4560, 12.4244



36.9959, -14.1733, 20.7957



36.9959, -27.6591, -12.7221



36.9959, 12.0401, -39.9526

Rectangle

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



36.9949, 33.4588, 12.4237



36.9959, 7.9560, 21.2324



36.9959, -27.6591, -12.7221



36.9959, -10.9595, -42.4590

Sweetspot

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



36.9959, 33.4560, 12.4244



72.3774, 10.0475, 7.6666



39.4392, 45.6245, -32.8190



33.2794, 5.8588, 3.8694



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



36.9959, 33.4560, 12.4244



44.6835, 54.8520, 19.8245



46.4806, 11.5094, 21.2372



28.3224, 0.9867, 2.1979



25.5798, 43.8706, 16.0300



4.2905, 7.4061, 2.3185

Inverse Universe

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



36.9959, 33.4560, 12.4244



44.6835, 54.8520, 19.8245



43.8206, -5.7644, -25.2278



28.3224, 0.9867, 2.1979



25.5798, 43.8706, 16.0300



4.2905, 7.4061, 2.3185

Previews

White Background



This preview shows how the HunterLab color 36.9949, 33.4588, 12.4237 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



This preview shows how the HunterLab color 36.9949, 33.4588, 12.4237 looks on a 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 36.9949, 33.4588, 12.4237 Background



This preview shows how black text looks on a background with the HunterLab color 36.9949, 33.4588, 12.4237.

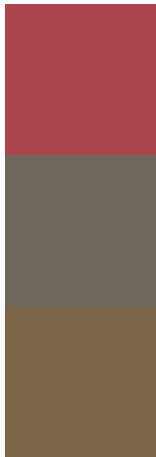


This preview shows how white text looks on a background with the HunterLab color 36.9949, 33.4588,

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

36.9949, 33.4588, 12.4237

Protanopia

37.2923, -2.3414, 7.2026

Deuteranopia

37.2214, 2.0332, 13.4756



Tritanopia

36.9949, 33.4588, 12.4237

Trichromacy



Original Color

36.9949, 33.4588, 12.4237

Protanomaly

36.3754, 10.0612, 8.2403

Deuteranomaly

36.4534, 13.3753, 12.4445

Tritanomaly

36.9949, 33.4588, 12.4237

Monochromacy



Original Color

36.9949, 33.4588, 12.4237

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

35.3845, 9.6703, 5.0074

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.9949, 33.4588, 12.4237 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(171, 71, 76)` looks like.

```
.text, #text, p{  
    color:rgb(171, 71, 76)  
}
```

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(171, 71, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 71, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 36.9949, 33.4588, 12.4237 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(171, 71, 76) }
```


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

```
.border{ border-color:rgb(171, 71, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 71, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 71, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 71, 76);  
box-shadow:4px 4px 4px 4px rgb(171, 71,  
76) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.9949, 33.4588, 12.4237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 71, 76) }
```

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

```
.background{ background-color: rgb(171, 71,  
76) }
```

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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