

Converting Colors

HunterLab(40.4172, 37.2085,
18.8708)

Have a look what the booklet for
HunterLab(40.4172, 37.2085,
18.8708) contains.

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Color

**HunterLab(40.4172, 37.2085,
18.8708)**

Conversions

Conversions Part 1

Format	Color
Hex	BD4C3E
RGB	189, 76, 62
RGB Percent	74%, 30%, 24%
CMY	0.2588, 0.7019, 0.7569
CMYK	0.00, 0.60, 0.67, 0.26
HSL	7°, 51%, 49%
HSV	7°, 67%, 74%
XYZ	24.4402, 16.3355, 6.4223
YIQ	108.1910, 71.8420, 19.6020

Conversions

Conversions Part 2

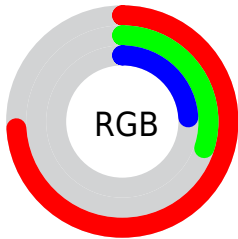
Format	Color
RYB	189, 78, 62
Decimal	12405822
CIELab	47.41, 44.62, 31.48
CIELCh	47, 54.607, 35.202
Yxy	16.3364, 0.5178, 0.3461
Android (android.graphics.Color)	4290595902 (0xFFBD4C3E)
YUV	108.1910, -22.7722, 70.8695
Hunter-Lab	40.4172, 37.2085, 18.8708

Details

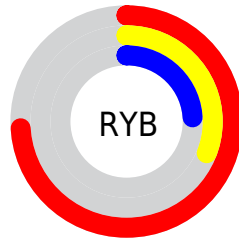
The HunterLab color **40.4172, 37.2085, 18.8708** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **59.4605, -24.5015, -11.7954**, and the grayscale version is **38.8633, -2.0737, 2.1115**.

A 20% lighter version of the original color is **60.9510, 40.0255, 23.9086**, and **22.8352, 33.6810, 13.0609** is the 20% darker color. If you saturate the color by 10%, you get **37.6053, 43.3541, 20.3125**, and if you desaturate by 10%, it is **43.8280, 30.6845, 17.0393**.

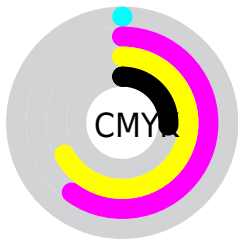
Distribution



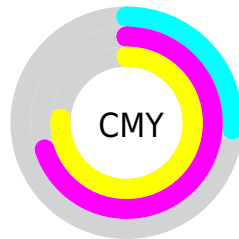
- Red (74%)
- Green (30%)
- Blue (24%)



- Red (74%)
- Yellow (31%)
- Blue (24%)



- Cyan (0%)
- Magenta (60%)
- Yellow (67%)
- Black (26%)



- Cyan (26%)
- Magenta (70%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4172, 37.2085, 18.8708 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 40.4172, 37.2085, 18.8708 by changing the saturation by 10% instead.

40.4172, 37.2085,
18.8708

40.4172, 37.2085,
18.8708

152.0917, 47.7161,
39.3273

31.2450, 35.5124,
16.1203

60.9764, 40.2379,
23.9226

22.8949, 33.7169,
13.1510

72.2641, 41.5845,
26.2895

15.4590, 31.8846,
10.8213

84.1733, 42.8272,
28.5805

9.0589, 30.3336,
6.3413

96.6732, 43.9731,
30.8109

0.0000, INF, NaN

0.0000, NaN, NaN

109.7371, 45.0291,
32.9924

0.0000, NaN, NaN

123.3415, 46.0014,

0.0000, NaN, NaN

35.1344

0.0000, NaN, NaN

137.4659, 46.8954,
37.2440

■ 40.4172, 37.2085,
18.8708

■ 40.4172, 37.2085,
18.8708

■ 37.6053, 43.3541,
20.3125

■ 43.8280, 30.6845,
17.0393

■ 35.4517, 48.7018,
21.2342

■ 47.7587, 24.1147,
14.9459

■ 33.9850, 52.7938,
21.6001

■ 52.1358, 17.6955,
12.6951

■ 33.6888, 53.6451,
21.6981

■ 56.8929, 11.5279,
10.3589

■ 61.9734, 5.6480,
7.9830

■ 67.3309, 0.0536,
5.5942

■ 72.9277, -5.2759,
3.2069

■ 78.7331, -10.3693,
0.8279

■ 84.7223, -15.2567,
-1.5405

Harmonies

Analogous

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



40.4183, 47.4546, 5.5866



40.4172, 37.2085, 18.8708



40.4183, 16.5639, 24.0317

Triad

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



40.4183, 37.2052, 18.8715



40.4183, -33.1109, 15.4028



40.4183, 1.6353, -59.3129

Complementary

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



40.4172, 37.2085, 18.8708



59.4605, -24.5015, -11.7954

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.



40.4183, -17.9927, -51.8153



40.4172, 37.2085, 18.8708



40.4183, -35.4854, -1.5075

Square

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



40.4183, 37.2052, 18.8715



40.4183, -23.2270, 22.8825



40.4183, -30.5580, -27.4491



40.4183, 24.3665, -44.5585

Rectangle

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



40.4172, 37.2085, 18.8708



40.4183, 1.3368, 24.9861



40.4183, -30.5580, -27.4491



40.4183, -5.5394, -59.3667

Sweetspot

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



40.4183, 37.2052, 18.8715



80.7712, 9.9755, 11.6802



41.7259, 57.7767, -31.8623



36.5671, 5.6492, 5.8312



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



40.4183, 37.2052, 18.8715



48.7425, 61.8439, 27.9087



54.2226, 7.0725, 28.5521



31.1468, 0.5823, 2.8765



27.7377, 43.6605, 17.8562



5.9866, 7.1072, 3.8133

Inverse Universe

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



59.4605, -24.5015, -11.7954



77.4027, -34.0543, -18.9497



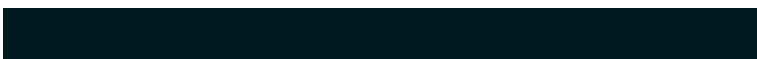
40.5758, 4.0191, -45.2755



32.5959, -3.8348, 0.6062



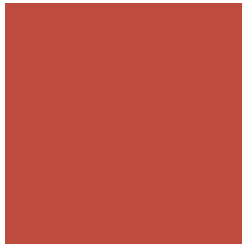
46.2847, -20.6217, -13.3354



9.4396, -4.4323, -2.2306

Previews

White Background



This preview shows how the HunterLab color 40.4172, 37.2085, 18.8708 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 40.4172, 37.2085, 18.8708 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 40.4172, 37.2085, 18.8708 Background



This preview shows how black text looks on a background with the HunterLab color 40.4172, 37.2085, 18.8708.



This preview shows how white text looks on a background with the HunterLab color 40.4172, 37.2085,

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

40.4172, 37.2085, 18.8708

Protanopia

40.6731, -3.6892, 15.0309

Deuteranopia

40.6197, 2.4070, 19.6108



Tritanopia

40.4905, 39.6135, 15.0893

Trichromacy



Original Color

40.4172, 37.2085, 18.8708

Protanomaly

39.7144, 10.1761, 15.7504

Deuteranomaly

39.7987, 14.9015, 18.8212

Tritanomaly

40.5551, 38.7161, 16.7045

Monochromacy



Original Color

40.4172, 37.2085, 18.8708

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

37.9993, 10.4820, 8.1554

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4172, 37.2085, 18.8708 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(189, 76, 62)` looks like.

```
.text, #text, p{  
    color:rgb(189, 76, 62)  
}
```

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(189, 76, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 76, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4172, 37.2085, 18.8708 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(189, 76, 62) }
```


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

```
.border{ border-color:rgb(189, 76, 62) }
```

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

Here you see how a box with a 4 pixel rgb(189, 76, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 76, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 76, 62);  
box-shadow:4px 4px 4px 4px rgb(189, 76,  
62) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4172, 37.2085, 18.8708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 76, 62) }
```

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

```
.background{ background-color: rgb(189, 76,  
62) }
```

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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