

Converting Colors

HunterLab(35.8371, 48.2227,
19.3752)

Have a look what the booklet for
HunterLab(35.8371, 48.2227,
19.3752) contains.

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Color

**HunterLab(35.8647, 48.4367,
19.3264)**

Conversions

Conversions Part 1

Format	Color
Hex	BD2D2A
RGB	189, 45, 42
RGB Percent	74%, 18%, 16%
CMY	0.2588, 0.8235, 0.8353
CMYK	0.00, 0.76, 0.78, 0.26
HSL	1°, 64%, 45%
HSV	1°, 78%, 74%
XYZ	22.3426, 12.8628, 3.4957
YIQ	87.7140, 86.7870, 29.5950

Conversions

Conversions Part 2

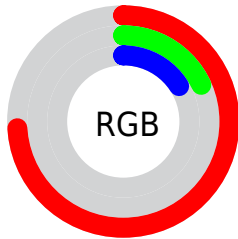
Format	Color
RYB	189, 45, 42
Decimal	12397866
CIELab	42.56, 56.18, 37.39
CIElCh	43, 67.488, 33.647
Yxy	12.8635, 0.5773, 0.3324
Android (android.graphics.Color)	4290587946 (0xFFBD2D2A)
YUV	87.7140, -22.5370, 88.8278
Hunter-Lab	35.8647, 48.4367, 19.3264

Details

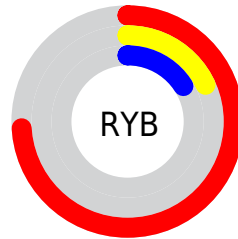
The HunterLab color **35.8647, 48.4367, 19.3264** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **62.6734, -30.7954, -7.4649**, and the grayscale version is **31.1936, -1.6644, 1.6948**.

A 20% lighter version of the original color is **55.7678, 52.0633, 25.4597**, and **21.2415, 36.3768, 13.7258** is the 20% darker color. If you saturate the color by 10%, you get **34.1205, 52.8824, 20.5329**, and if you desaturate by 10%, it is **38.4291, 42.5199, 17.6344**.

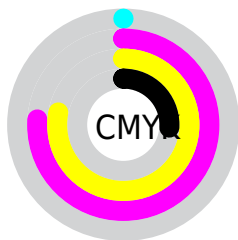
Distribution



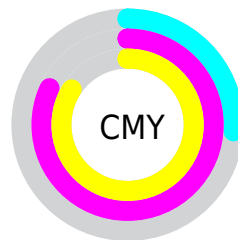
- Red (74%)
- Green (18%)
- Blue (16%)



- Red (74%)
- Yellow (18%)
- Blue (16%)



- Cyan (0%)
- Magenta (76%)
- Yellow (78%)
- Black (26%)



- Cyan (26%)
- Magenta (82%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.8647, 48.4367, 19.3264 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 35.8647, 48.4367, 19.3264 by changing the saturation by 10% instead.

■ 35.8647, 48.4367,
19.3264

■ 35.8647, 48.4367,
19.3264

144.9280, 62.8234,
43.1753

■ 27.0826, 46.3755,
15.9956

■ 55.7301, 52.3272,
25.3623

■ 19.1631, 44.3501,
13.0903

■ 66.7032, 54.1218,
28.1532

■ 12.2146, 42.6450,
8.5502

■ 78.3148, 55.8109,
30.8337

■ 5.3204, 55.0983,
3.7243

■ 90.5314, 57.3978,
33.4248

0.0000, INF, NaN

0.0000, NaN, NaN

■ 103.3245, 58.8873,
35.9430

0.0000, NaN, NaN

■ 116.6692, 60.2847,

0.0000, NaN, NaN

38.4010

0.0000, NaN, NaN

130.5435, 61.5951,
40.8091

■ 35.8647, 48.4367,
19.3264

■ 35.8647, 48.4367,
19.3264

■ 34.1205, 52.8824,
20.5329

■ 38.4291, 42.5199,
17.6344

■ 33.1682, 55.4861,
21.1938

■ 41.7554, 35.7105,
15.6330

■ 33.0193, 55.8926,
21.3249

■ 45.7537, 28.5205,
13.4929

■ 50.3248, 21.3082,
11.3364

■ 55.3769, 14.2754,
9.2343

■ 60.8321, 7.5110,
7.2196

■ 66.6269, 1.0365,
5.3019

■ 72.7106, -5.1613,
3.4782

■ 79.0430, -11.1109,
1.7401

Harmonies

Analogous

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



35.8658, 60.9507, 4.7823



35.8647, 48.4367, 19.3264



35.8658, 22.4245, 23.6152

Triad

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



35.8658, 48.4329, 19.3270



35.8658, -36.0112, 17.0523



35.8658, 1.2426, -82.1723

Complementary

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



35.8647, 48.4367, 19.3264



62.6734, -30.7954, -7.4649

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.



35.8658, -21.1125, -69.5530



35.8647, 48.4367, 19.3264



35.8658, -38.7852, -1.1290

Square

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



35.8658, 48.4329, 19.3270



35.8658, -25.1517, 23.0859



35.8658, -34.1753, -34.4802



35.8658, 29.3340, -62.1998

Rectangle

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



35.8647, 48.4367, 19.3264



35.8658, 3.6465, 24.3779



35.8658, -34.1753, -34.4802



35.8658, -7.1582, -81.6422

Sweetspot

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



35.8658, 48.4329, 19.3270



77.2683, 15.0654, 11.1536



40.0541, 66.8776, -43.3663



34.6266, 8.5206, 5.6297



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.



35.8658, 48.4329, 19.3270



44.7030, 73.3919, 28.1198



48.9193, 16.1091, 27.7710



30.9303, 0.9591, 2.6354



27.1100, 45.7604, 17.5062



5.4657, 8.7205, 3.5206

Inverse Universe

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



62.6734, -30.7954, -7.4649



83.1276, -42.6495, -11.0239



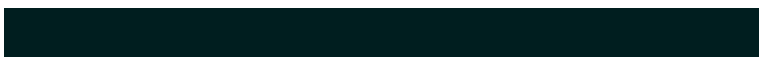
39.9847, 1.6809, -46.7206



32.8254, -4.2003, 0.8770



50.8615, -26.2621, -6.8801



10.1194, -5.2613, -1.2908

Previews

White Background



This preview shows how the HunterLab color 35.8647, 48.4367, 19.3264 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 35.8647, 48.4367, 19.3264 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 35.8647, 48.4367, 19.3264 Background



This preview shows how black text looks on a background with the HunterLab color 35.8647, 48.4367, 19.3264.



This preview shows how white text looks on a background with the HunterLab color 35.8647, 48.4367,

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

35.8647, 48.4367, 19.3264

Protanopia

36.3291, -4.1415, 15.5605

Deuteranopia

36.0232, 2.2810, 20.1037



Tritanopia

35.8014, 48.9308, 18.6367

Trichromacy



Original Color

35.8647, 48.4367, 19.3264

Protanomaly

34.1041, 14.8105, 15.4185

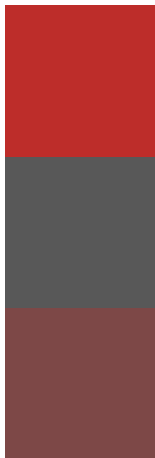
Deuteranomaly

34.5154, 19.9385, 18.8858

Tritanomaly

35.7906, 48.8866, 18.7972

Monochromacy



Original Color

35.8647, 48.4367, 19.3264

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

30.7403, 15.3750, 7.7135

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.8647, 48.4367, 19.3264 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, 45, 42)` looks like.

```
.text, #text, p{  
    color:rgb(189, 45, 42)  
}
```

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, 45, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 45, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 35.8647, 48.4367, 19.3264 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, 45, 42) }
```


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

```
.border{ border-color:rgb(189, 45, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 45, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 45, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 45, 42);  
box-shadow:4px 4px 4px 4px rgb(189, 45,  
42) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.8647, 48.4367, 19.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 45, 42) }
```

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

```
.background{ background-color: rgb(189, 45,  
42) }
```

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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