

Converting Colors

HunterLab(36.9549, 33.8943,
19.3840)

Have a look what the booklet for
HunterLab(36.9549, 33.8943,
19.3840) contains.

HunterLab(36.8235, 33.8700, 19.2861)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(36.8235, 33.8700,
19.2861)**

Conversions

Conversions Part 1

Format	Color
Hex	AF452D
RGB	175, 69, 45
RGB Percent	69%, 27%, 18%
CMY	0.3137, 0.7294, 0.8235
CMYK	0.00, 0.61, 0.74, 0.31
HSL	11°, 59%, 43%
HSV	11°, 74%, 69%
XYZ	20.2810, 13.5597, 4.0310
YIQ	97.9580, 70.8800, 15.0080

Conversions

Conversions Part 2

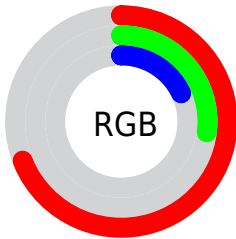
Format	Color
R_{YB}	175, 74, 45
Decimal	11486509
CIE _{Lab}	43.60, 41.90, 36.09
CIE _{LCh}	44, 55.305, 40.739
Yxy	13.5605, 0.5355, 0.3581
Android (android.graphics.Color)	4289676589 (0xFFAF452D)
YUV	97.9580, -26.1083, 67.5658
Hunter-Lab	36.8235, 33.8700, 19.2861

Details

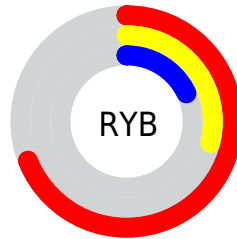
The HunterLab color **36.8235, 33.8700, 19.2861** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **50.7782, -18.9580, -16.3983**, and the grayscale version is **35.0098, -1.8680, 1.9021**.

A 20% lighter version of the original color is **56.8158, 36.8018, 25.0877**, and **20.0021, 30.5558, 12.8601** is the 20% darker color. If you saturate the color by 10%, you get **34.5007, 39.1501, 20.1099**, and if you desaturate by 10%, it is **39.6181, 28.3333, 17.9798**.

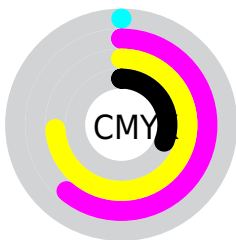
Distribution



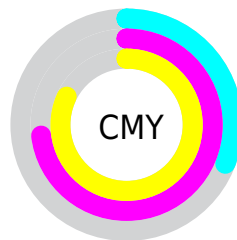
- Red (69%)
- Green (27%)
- Blue (18%)



- Red (69%)
- Yellow (29%)
- Blue (18%)



- Cyan (0%)
- Magenta (61%)
- Yellow (74%)
- Black (31%)



- Cyan (31%)
- Magenta (73%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.8235, 33.8700, 19.2861 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 36.8235, 33.8700, 19.2861 by changing the saturation by 10% instead.

36.8235, 33.8700,
19.2861

36.8235, 33.8700,
19.2861

146.4510, 43.8355,
42.3672

27.9564, 32.2234,
16.0861

56.8393, 36.7904,
25.0987

19.9429, 30.4765,
13.0061

67.8805, 38.0781,
27.7935

12.8872, 28.7105,
9.0211

79.5564, 39.2600,
30.3857

6.3094, 32.3698,
4.4166

91.8342, 40.3441,
32.8951

0.0000, INF, NaN

0.0000, NaN, NaN

104.6857, 41.3375,
35.3372

0.0000, NaN, NaN

118.0864, 42.2468,

0.0000, NaN, NaN

37.7239

0.0000, NaN, NaN

132.0146, 43.0778,
40.0647

■ 36.8235, 33.8700,
19.2861

■ 36.8235, 33.8700,
19.2861

■ 34.5007, 39.1501,
20.1099

■ 39.6181, 28.3333,
17.9798

■ 32.6884, 43.8646,
20.3894

■ 42.8291, 22.7915,
16.2835

■ 31.8811, 46.1320,
20.4526

■ 46.4039, 17.3970,
14.2917

■ 50.2931, 12.2332,
12.0831

■ 54.4535, 7.3330,
9.7176

■ 58.8484, 2.6982,
7.2384

■ 63.4475, -1.6860,
4.6757

■ 68.2255, -5.8426,
2.0501

■ 73.1618, -9.7970,
-0.6244

Harmonies

Analogous

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



36.8245, 46.6567, 8.4639



36.8235, 33.8700, 19.2861



36.8245, 12.3121, 22.9479

Triad

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



36.8245, 33.8669, 19.2867



36.8245, -32.8430, 12.5519



36.8245, 5.8580, -59.1692

Complementary

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



36.8235, 33.8700, 19.2861



50.7782, -18.9580, -16.3983

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.



36.8245, -14.3551, -55.7650



36.8235, 33.8700, 19.2861



36.8245, -33.8180, -5.8897

Square

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



36.8245, 33.8669, 19.2867



36.8245, -24.7748, 20.8405



36.8245, -27.8253, -32.8773



36.8245, 28.2415, -40.5545

Rectangle

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



36.8235, 33.8700, 19.2861



36.8245, -2.4859, 23.4359



36.8245, -27.8253, -32.8773



36.8245, -1.4449, -60.7427

Sweetspot

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



36.8245, 33.8669, 19.2867



73.9712, 8.6049, 12.3830



36.3738, 55.1877, -24.4601



34.1564, 4.8495, 6.2442



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



36.8245, 33.8669, 19.2867



44.5722, 56.4573, 27.2328



51.2909, 3.0039, 28.7879



28.7154, 0.2263, 2.8045



27.1054, 38.6418, 17.3787



5.2304, 4.4366, 3.3006

Inverse Universe

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



50.7782, -18.9580, -16.3983



65.1347, -24.6569, -26.4149



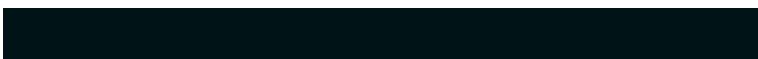
32.1486, 11.2630, -54.7905



29.6931, -3.2174, 0.3640



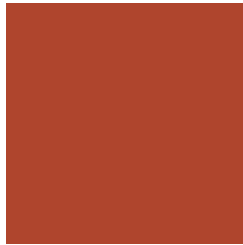
40.3734, -15.0205, -18.0382



7.1953, -3.1105, -2.2787

Previews

White Background



This preview shows how the HunterLab color 36.8235, 33.8700, 19.2861 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 36.8235, 33.8700, 19.2861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

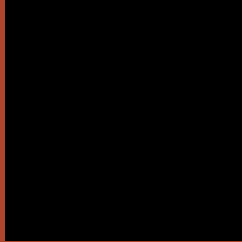
Any Text WCAG AA ✗ Fail

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 36.8235, 33.8700, 19.2861 Background



This preview shows how black text looks on a background with the HunterLab color 36.8235, 33.8700, 19.2861.



This preview shows how white text looks on a background with the HunterLab color 36.8235, 33.8700,

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

36.8235, 33.8700, 19.2861

Protanopia

37.0993, -4.2828, 16.8062

Deuteranopia

37.0550, 1.9434, 19.9331



Tritanopia

36.8358, 37.0974, 14.0210

Trichromacy



Original Color

36.8235, 33.8700, 19.2861

Protanomaly

36.0060, 8.9439, 16.9936

Deuteranomaly

36.4013, 13.5013, 19.2498

Tritanomaly

36.8529, 36.0310, 16.2366

Monochromacy



Original Color

36.8235, 33.8700, 19.2861

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

34.3752, 9.5485, 8.5905

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.8235, 33.8700, 19.2861 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(175, 69, 45)` looks like.

```
.text, #text, p{  
    color:rgb(175, 69, 45)  
}
```

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(175, 69, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 69, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 36.8235, 33.8700, 19.2861 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(175, 69, 45) }
```


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

```
.border{ border-color:rgb(175, 69, 45) }
```

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

Here you see how a box with a 4 pixel rgb(175, 69, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 69, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 69, 45);  
box-shadow:4px 4px 4px 4px rgb(175, 69,  
45) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.8235, 33.8700, 19.2861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 69, 45) }
```

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

```
.background{ background-color: rgb(175, 69,  
45) }
```

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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