

Converting Colors

HunterLab(36.4055, 33.2146,
19.0163)

Have a look what the booklet for
HunterLab(36.4055, 33.2146,
19.0163) contains.

HunterLab(36.5102, 33.0831, 19.0450)	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(36.5102, 33.0831,
19.0450)**

Conversions

Conversions Part 1

Format	Color
Hex	AD452D
RGB	173, 69, 45
RGB Percent	68%, 27%, 18%
CMY	0.3216, 0.7294, 0.8235
CMYK	0.00, 0.60, 0.74, 0.32
HSL	11°, 59%, 43%
HSV	11°, 74%, 68%
XYZ	19.8354, 13.3299, 4.0101
YIQ	97.3600, 69.6880, 14.5840

Conversions

Conversions Part 2

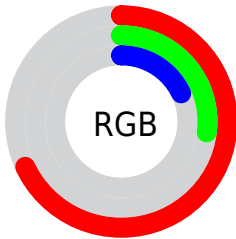
Format	Color
R_{YB}	173, 75, 45
Decimal	11355437
CIE Lab	43.26, 41.16, 35.62
CIE LCh	43, 54.435, 40.878
Yxy	13.3307, 0.5336, 0.3586
Android (android.graphics.Color)	4289545517 (0xFFAD452D)
YUV	97.3600, -25.8135, 66.3363
Hunter-Lab	36.5102, 33.0831, 19.0450

Details

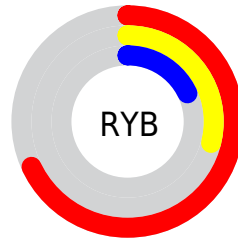
The HunterLab color **36.5102, 33.0831, 19.0450** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **50.0679, -18.5564, -16.2902**, and the grayscale version is **34.7851, -1.8560, 1.8899**.

A 20% lighter version of the original color is **56.5154, 35.9658, 24.8318**, and **19.7268, 29.6910, 12.6754** is the 20% darker color. If you saturate the color by 10%, you get **34.1970, 38.3044, 19.8702**, and if you desaturate by 10%, it is **39.2827, 27.6298, 17.7454**.

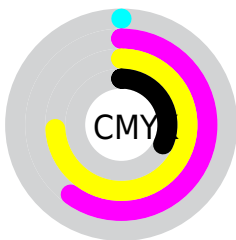
Distribution



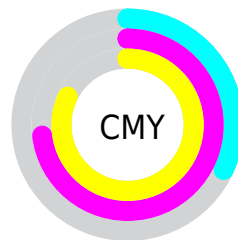
- Red (68%)
- Green (27%)
- Blue (18%)



- Red (68%)
- Yellow (29%)
- Blue (18%)



- Cyan (0%)
- Magenta (60%)
- Yellow (74%)
- Black (32%)














- Cyan (32%)
- Magenta (73%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.5102, 33.0831, 19.0450 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 36.5102, 33.0831, 19.0450 by changing the saturation by 10% instead.

 36.5102, 33.0831, 19.0450	 36.5102, 33.0831, 19.0450
145.9542, 42.8354, 41.9087	 27.6707, 31.4588, 15.8747
 56.4771, 35.9557, 24.8014	 19.6877, 29.7314, 12.8394
 67.4962, 37.2191, 27.4700	 12.6668, 27.9795, 8.8667
 79.1511, 38.3767, 30.0372	 6.0051, 32.7565, 4.2036
 91.4090, 39.4367, 32.5228	0.0000, INF, NaN
	0.0000, NaN, NaN
 104.2415, 40.4064, 34.9421	0.0000, NaN, NaN
 117.6240, 41.2923,	0.0000, NaN, NaN

37.3068

0.0000, NaN, NaN

131.5347, 42.1003,
39.6265

■ 36.5102, 33.0831,
19.0450

■ 36.5102, 33.0831,
19.0450

■ 34.1970, 38.3044,
19.8702

■ 39.2827, 27.6298,
17.7454

■ 32.3816, 42.9953,
20.1591

■ 42.4601, 22.1851,
16.0621

■ 31.5299, 45.3787,
20.2230

■ 45.9913, 16.8930,
14.0873

■ 49.8284, 11.8316,
11.8974

■ 53.9295, 7.0311,
9.5511

■ 58.2592, 2.4920,
7.0907

■ 62.7879, -1.8009,
4.5458

■ 67.4913, -5.8705,
1.9370

■ 72.3492, -9.7415,
-0.7220

Harmonies

Analogous

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



36.5112, 45.6509, 8.4062



36.5102, 33.0831, 19.0450



36.5112, 11.9507, 22.6712

Triad

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



36.5112, 33.0800, 19.0455



36.5112, -32.3405, 12.3004



36.5112, 5.8284, -57.7451

Complementary

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



36.5102, 33.0831, 19.0450



50.0679, -18.5564, -16.2902

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.



36.5112, -14.0394, -54.5345



36.5102, 33.0831, 19.0450



36.5112, -33.2712, -5.8611

Square

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



36.5112, 33.0800, 19.0455



36.5112, -24.4223, 20.5389



36.5112, -27.3293, -32.2654



36.5112, 27.7522, -39.5158

Rectangle

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



36.5102, 33.0831, 19.0450



36.5112, -2.5548, 23.1532



36.5112, -27.3293, -32.2654



36.5112, -1.3415, -59.3152

Sweetspot

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



36.5112, 33.0800, 19.0455



73.0819, 8.4123, 12.2631



35.9833, 54.2953, -24.0957



33.3834, 4.6776, 6.1082



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.



36.5112, 33.0800, 19.0455



44.0915, 55.4934, 26.9277



50.6981, 2.8969, 28.3872



28.7218, 0.2153, 2.8115



27.1434, 38.5227, 17.4000



5.2441, 4.4015, 3.3084

Inverse Universe

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



50.0679, -18.5564, -16.2902



64.1273, -24.0950, -26.3716



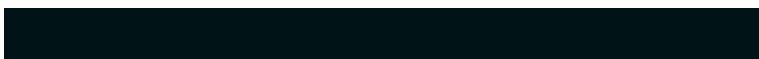
31.8691, 10.9693, -53.7221



29.6864, -3.2067, 0.3561



40.2406, -14.8420, -18.2577



7.1799, -3.0908, -2.3021

Previews

White Background



This preview shows how the HunterLab color 36.5102, 33.0831, 19.0450 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 36.5102, 33.0831, 19.0450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

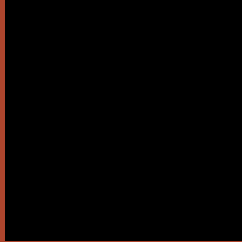
Any Text WCAG AA × Fail

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 36.5102, 33.0831, 19.0450 Background



This preview shows how black text looks on a background with the HunterLab color 36.5102, 33.0831, 19.0450.



This preview shows how white text looks on a background with the HunterLab color 36.5102, 33.0831,

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

36.5102, 33.0831, 19.0450

Protanopia

36.7379, -4.1687, 16.5267

Deuteranopia

36.6940, 2.0389, 19.6834



Tritanopia

36.5203, 36.3326, 13.7327

Trichromacy



Original Color

36.5102, 33.0831, 19.0450

Protanomaly

35.8901, 8.5751, 16.8984

Deuteranomaly

35.9246, 13.2035, 18.9055

Tritanomaly

36.5375, 35.2573, 15.9674

Monochromacy



Original Color

36.5102, 33.0831, 19.0450

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

34.2439, 9.0923, 8.7806

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.5102, 33.0831, 19.0450 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(173, 69, 45)` looks like.

```
.text, #text, p{  
    color:rgb(173, 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(173, 69, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 69, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 36.5102, 33.0831, 19.0450 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(173, 69, 45) }
```


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

```
.border{ border-color:rgb(173, 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(173, 69, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 69, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 69, 45);  
box-shadow:4px 4px 4px 4px rgb(173, 69,  
45) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.5102, 33.0831, 19.0450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 69, 45) }
```

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

```
.background{ background-color: rgb(173, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor