

Converting Colors

HunterLab(34.1817, 37.5265,
19.1864)

Have a look what the booklet for
HunterLab(34.1817, 37.5265,
19.1864) contains.

HunterLab(34.2181, 37.6776, 19.2516)	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(34.2181, 37.6776,
19.2516)**

Conversions

Conversions Part 1

Format	Color
Hex	AC3821
RGB	172, 56, 33
RGB Percent	67%, 22%, 13%
CMY	0.3255, 0.7804, 0.8706
CMYK	0.00, 0.67, 0.81, 0.33
HSL	10°, 68%, 40%
HSV	10°, 81%, 67%
XYZ	18.7019, 11.7088, 2.7131
YIQ	88.0620, 76.5190, 17.4390

Conversions

Conversions Part 2

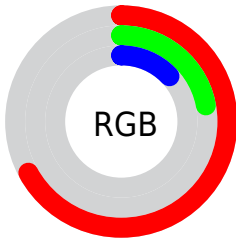
Format	Color
R_{YB}	172, 61, 33
Decimal	11286561
CIE Lab	40.75, 46.20, 39.43
CIE LCh	41, 60.740, 40.476
Yxy	11.7095, 0.5646, 0.3535
Android (android.graphics.Color)	4289476641 (0xFFAC3821)
YUV	88.0620, -27.1456, 73.6136
Hunter-Lab	34.2181, 37.6776, 19.2516

Details

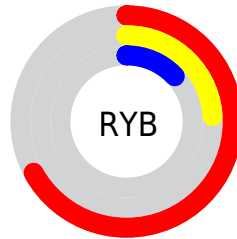
The HunterLab color **34.2181, 37.6776, 19.2516** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **49.7939, -19.6747, -16.1343**, and the grayscale version is **31.3398, -1.6722, 1.7027**.

A 20% lighter version of the original color is **53.8463, 41.0592, 25.7537**, and **18.5600, 31.7846, 11.9930** is the 20% darker color. If you saturate the color by 10%, you get **32.3093, 42.4668, 19.7670**, and if you desaturate by 10%, it is **36.6445, 32.3496, 18.2273**.

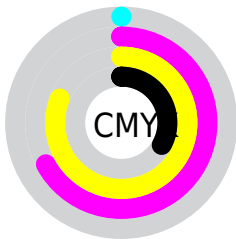
Distribution



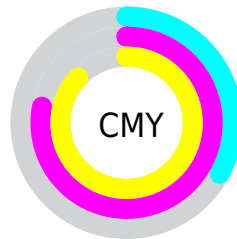
- Red (67%)
- Green (22%)
- Blue (13%)



- Red (67%)
- Yellow (24%)
- Blue (13%)



- Cyan (0%)
- Magenta (67%)
- Yellow (81%)
- Black (33%)







- Cyan (33%)
- Magenta (78%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.2181, 37.6776, 19.2516 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 34.2181, 37.6776, 19.2516 by changing the saturation by 10% instead.

 34.2181, 37.6776, 19.2516	 34.2181, 37.6776, 19.2516
142.2928, 49.2590, 44.3449	 25.5855, 35.8611, 15.7081
 53.8190, 40.9746, 25.6515	 17.8324, 33.9929, 12.4827
 64.6728, 42.4517, 28.5991	 11.0742, 32.2538, 7.7520
 76.1717, 43.8198, 31.4227	 2.8826, 73.1147, 2.0178
 88.2812, 45.0858, 34.1460	0.0000, INF, NaN
	0.0000, NaN, NaN
 100.9722, 46.2565, 36.7871	0.0000, NaN, NaN
 114.2189, 47.3385,	0.0000, NaN, NaN

39.3601

0.0000, NaN, NaN

127.9991, 48.3375,
41.8763

34.2181, 37.6776,
19.2516

34.2181, 37.6776,
19.2516

32.3093, 42.4668,
19.7670

36.6445, 32.3496,
18.2273

31.0218, 46.0595,
19.9218

39.5381, 26.8087,
16.7748

42.8444, 21.2838,
14.9948

46.5081, 15.9188,
12.9778

50.4793, 10.7869,
10.7949

■ 54.7149, 5.9138,
8.4976

■ 59.1791, 1.2971,
6.1212

■ 63.8419, -3.0807,
3.6895

■ 68.6790, -7.2433,
1.2176

Harmonies

Analogous

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



34.2191, 51.9274, 8.5304



34.2181, 37.6776, 19.2516



34.2191, 13.8580, 22.3771

Triad

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



34.2191, 37.6743, 19.2521



34.2191, -33.7932, 12.9564



34.2191, 6.3962, -68.3103

Complementary

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



34.2181, 37.6776, 19.2516



49.7939, -19.6747, -16.1343

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.



34.2191, -15.1146, -64.0224



34.2181, 37.6776, 19.2516



34.2191, -34.8155, -6.4938

Square

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



34.2191, 37.6743, 19.2521



34.2191, -25.6190, 20.7055



34.2191, -28.9023, -37.0493



34.2191, 31.0136, -46.5347

Rectangle

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



34.2181, 37.6776, 19.2516



34.2191, -2.1864, 22.7999



34.2191, -28.9023, -37.0493



34.2191, -1.4675, -70.0966

Sweetspot

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



34.2191, 37.6743, 19.2521



71.5950, 10.2985, 12.5789



34.7815, 57.9649, -27.5703



32.4601, 5.8584, 6.3612



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.



34.2191, 37.6743, 19.2521



41.9957, 61.4870, 26.6811



48.0970, 6.4368, 27.9761



28.6733, 0.2988, 2.7580



26.8662, 39.3980, 17.2445



5.1384, 4.6752, 3.2481

Inverse Universe

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



49.7939, -19.6747, -16.1343



64.4767, -25.1968, -25.8208



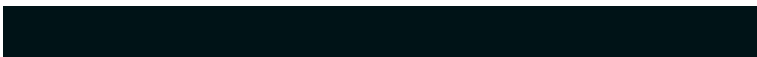
30.4694, 11.4984, -56.9705



29.7372, -3.2882, 0.4164



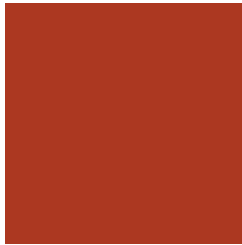
41.2587, -16.2003, -16.5980



7.2976, -3.2412, -2.1246

Previews

White Background



This preview shows how the HunterLab color 34.2181, 37.6776, 19.2516 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 34.2181, 37.6776, 19.2516 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 34.2181, 37.6776, 19.2516 Background



This preview shows how black text looks on a background with the HunterLab color 34.2181, 37.6776, 19.2516.



This preview shows how white text looks on a background with the HunterLab color 34.2181, 37.6776, 19.2516.

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

34.2181, 37.6776, 19.2516

Protanopia

34.5245, -3.9915, 17.1117

Deuteranopia

34.4235, 1.9733, 19.9388



Tritanopia

34.2286, 40.3336, 15.3169

Trichromacy



Original Color

34.2181, 37.6776, 19.2516

Protanomaly

33.1860, 10.5598, 17.0473

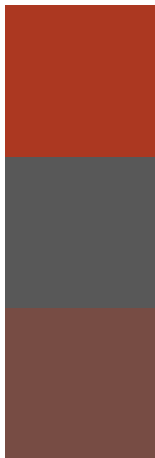
Deuteranomaly

33.5291, 14.7792, 19.1911

Tritanomaly

34.2578, 39.4976, 16.9614

Monochromacy



Original Color

34.2181, 37.6776, 19.2516

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

30.8353, 11.0788, 8.6791

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.2181, 37.6776, 19.2516 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(172, 56, 33)` looks like.

```
.text, #text, p{  
    color:rgb(172, 56, 33)  
}
```

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(172, 56, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 56, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 34.2181, 37.6776, 19.2516 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(172, 56, 33) }
```


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

```
.border{ border-color:rgb(172, 56, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 56, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 56, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 56, 33);  
box-shadow:4px 4px 4px 4px rgb(172, 56,  
33) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.2181, 37.6776, 19.2516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 56, 33) }
```

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

```
.background{ background-color: rgb(172, 56,  
33) }
```

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