

Converting Colors

HunterLab(34.1857, 50.4837,
19.3884)

Have a look what the booklet for
HunterLab(34.1857, 50.4837,
19.3884) contains.

HunterLab(34.2033, 50.3154, 19.3334)	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(34.2033, 50.3154,
19.3334)**

Conversions

Conversions Part 1

Format	Color
Hex	BA2222
RGB	186, 34, 34
RGB Percent	73%, 13%, 13%
CMY	0.2706, 0.8666, 0.8667
CMYK	0.00, 0.82, 0.82, 0.27
HSL	0°, 69%, 43%
HSV	0°, 82%, 73%
XYZ	21.1105, 11.6987, 2.6588
YIQ	79.4480, 90.5920, 32.2240

Conversions

Conversions Part 2

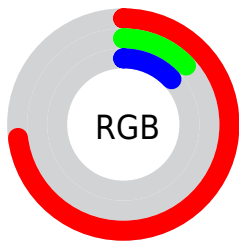
Format	Color
RYB	186, 34, 34
Decimal	12198434
CIELab	40.73, 58.26, 39.79
CIElCh	41, 70.551, 34.335
Yxy	11.6994, 0.5952, 0.3298
Android (android.graphics.Color)	4290388514 (0xFFBA2222)
YUV	79.4480, -22.4059, 93.4461
Hunter-Lab	34.2033, 50.3154, 19.3334

Details

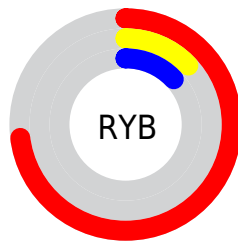
The HunterLab color **34.2033, 50.3154, 19.3334** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **62.4476, -31.8824, -6.1833**, and the grayscale version is **28.1815, -1.5037, 1.5312**.

A 20% lighter version of the original color is **53.9329, 54.4350, 25.8429**, and **20.7004, 35.4502, 13.3761** is the 20% darker color. If you saturate the color by 10%, you get **32.9062, 53.7002, 20.3752**, and if you desaturate by 10%, it is **36.3365, 45.1647, 17.7636**.

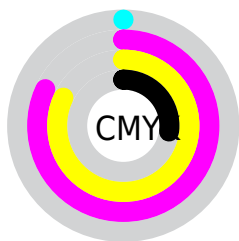
Distribution



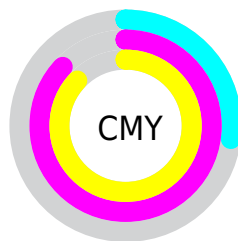
- Red (73%)
- Green (13%)
- Blue (13%)



- Red (73%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (82%)
- Yellow (82%)
- Black (27%)



- Cyan (27%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.2033, 50.3154, 19.3334 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 34.2033, 50.3154, 19.3334 by changing the saturation by 10% instead.

■ 34.2033, 50.3154,
19.3334

■ 34.2033, 50.3154,
19.3334

142.2690, 65.4318,
44.6234

■ 25.5721, 48.2111,
15.7612

■ 53.8019, 54.3537,
25.7876

■ 17.8205, 46.2050,
12.4744

■ 64.6546, 56.2322,
28.7593

■ 11.0641, 44.6973,
7.7449

■ 76.1524, 58.0067,
31.6057

■ 2.8511, 100.5363,
1.9958

■ 88.2610, 59.6787,
34.3502

0.0000, INF, NaN

0.0000, NaN, NaN

■ 100.9510, 61.2525,
37.0113

0.0000, NaN, NaN

■ 114.1969, 62.7326,

0.0000, NaN, NaN

39.6033

0.0000, NaN, NaN

127.9762, 64.1241,
42.1376

34.2033, 50.3154,
19.3334

34.2033, 50.3154,
19.3334

32.9062, 53.7002,
20.3752

36.3365, 45.1647,
17.7636

32.3100, 55.3291,
20.8779

39.2808, 38.7742,
15.8347

42.9581, 31.7229,
13.7370

47.2668, 24.4708,
11.6174

52.1071, 17.3039,
9.5645

■ 57.3914, 10.3658,
7.6202

■ 63.0475, 3.7079,
5.7966

■ 69.0176, -2.6689,
4.0897

■ 75.2558, -8.7876,
2.4887

Harmonies

Analogous

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



34.2044, 64.0433, 5.2801



34.2033, 50.3154, 19.3334



34.2044, 22.7572, 23.1382

Triad

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



34.2044, 50.3115, 19.3340



34.2044, -36.3456, 16.7638



34.2044, 2.0531, -88.2558

Complementary

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



34.2033, 50.3154, 19.3334



62.4476, -31.8824, -6.1833

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.



34.2044, -20.9749, -75.2647



34.2033, 50.3154, 19.3334



34.2044, -38.8829, -1.9502

Square

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



34.2044, 50.3115, 19.3340



34.2044, -25.7959, 22.4919



34.2044, -34.2049, -37.5358



34.2044, 31.3616, -65.7524

Rectangle

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



34.2033, 50.3154, 19.3334



34.2044, 3.2733, 23.9400



34.2044, -34.2049, -37.5358



34.2044, -6.6447, -87.9704

Sweetspot

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



34.2044, 50.3115, 19.3340



74.5763, 17.3637, 11.2074



38.8951, 68.1637, -45.6523



33.8211, 9.6995, 5.6945



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.



34.2044, 50.3115, 19.3340



43.6323, 74.1238, 27.9946



46.5901, 18.5184, 27.1068



30.0206, 1.0052, 2.5052



26.5017, 45.3821, 17.1247



4.9763, 8.5193, 3.2155

Inverse Universe

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



62.4476, -31.8824, -6.1833



83.7244, -44.2980, -8.8128



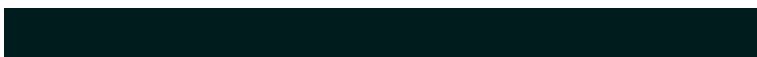
38.7777, 1.6399, -47.1036



31.9539, -4.1543, 0.9149



50.9967, -27.0330, -5.3849



9.5752, -5.0759, -1.0107

Previews

White Background



This preview shows how the HunterLab color 34.2033, 50.3154, 19.3334 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 34.2033, 50.3154, 19.3334 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 34.2033, 50.3154, 19.3334 Background



This preview shows how black text looks on a background with the HunterLab color 34.2033, 50.3154, 19.3334.



This preview shows how white text looks on a background with the HunterLab color 34.2033, 50.3154,

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

34.2033, 50.3154, 19.3334

Protanopia

34.5170, -3.8524, 15.8219

Deuteranopia

34.5141, 2.2465, 20.2484



Tritanopia

34.1950, 50.2825, 19.4563

Trichromacy



Original Color

34.2033, 50.3154, 19.3334

Protanomaly

32.1267, 16.4289, 15.5023

Deuteranomaly

32.6855, 20.7427, 18.9363

Tritanomaly

34.1950, 50.2825, 19.4563

Monochromacy



Original Color

34.2033, 50.3154, 19.3334

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

27.8666, 16.2235, 7.4498

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.2033, 50.3154, 19.3334 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(186, 34, 34)` looks like.

```
.text, #text, p{  
    color:rgb(186, 34, 34)  
}
```

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(186, 34, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 34, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 34.2033, 50.3154, 19.3334 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(186, 34, 34) }
```


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

```
.border{ border-color:rgb(186, 34, 34) }
```

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

Here you see how a box with a 4 pixel rgb(186, 34, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 34, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 34, 34);  
box-shadow:4px 4px 4px 4px rgb(186, 34,  
34) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.2033, 50.3154, 19.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 34, 34) }
```

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

```
.background{ background-color: rgb(186, 34,  
34) }
```

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