

Converting Colors

HunterLab(33.4175, 50.2335,
3.5500)

Have a look what the booklet for
HunterLab(33.4175, 50.2335,
3.5500) contains.

HunterLab(33.4737, 50.4039, 3.5745)	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(33.4737, 50.4039,
3.5745)**

Conversions

Conversions Part 1

Format	Color
Hex	B0235C
RGB	176, 35, 92
RGB Percent	69%, 14%, 36%
CMY	0.3098, 0.8627, 0.6392
CMYK	0.00, 0.80, 0.48, 0.31
HSL	336°, 67%, 41%
HSV	336°, 80%, 69%
XYZ	20.4373, 11.2049, 11.2108
YIQ	83.6570, 65.7390, 47.6190

Conversions

Conversions Part 2

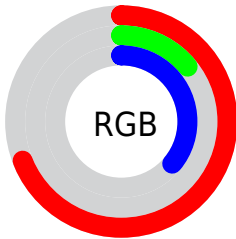
Format	Color
R_{YB}	176, 35, 92
Decimal	11543388
CIE _{Lab}	39.92, 58.49, 2.68
CIE _{LCh}	40, 58.556, 2.625
Yxy	11.2055, 0.4769, 0.2615
Android (android.graphics.Color)	4289733468 (0xFFB0235C)
YUV	83.6570, 4.1131, 80.9848
Hunter-Lab	33.4737, 50.4039, 3.5745

Details

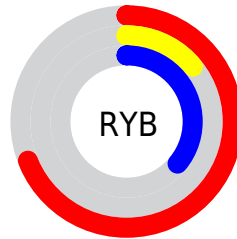
The HunterLab color **33.4737, 50.4039, 3.5745** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **57.2191, -39.1480, 16.4849**, and the grayscale version is **29.6208, -1.5805, 1.6094**.

A 20% lighter version of the original color is **52.8869, 54.4911, 4.8531**, and **19.9678, 35.2233, 4.9354** is the 20% darker color. If you saturate the color by 10%, you get **32.0089, 53.3741, 6.0507**, and if you desaturate by 10%, it is **35.6511, 45.6707, 1.6513**.

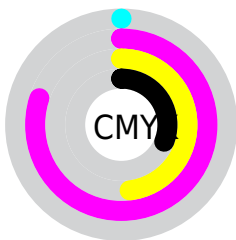
Distribution



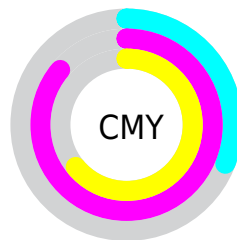
- Red (69%)
- Green (14%)
- Blue (36%)



- Red (69%)
- Yellow (14%)
- Blue (36%)



- Cyan (0%)
- Magenta (80%)
- Yellow (48%)
- Black (31%)



- Cyan (31%)
- Magenta (86%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.4737, 50.4039, 3.5745 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 33.4737, 50.4039, 3.5745 by changing the saturation by 10% instead.

33.4737, 50.4039,
3.5745

33.4737, 50.4039,
3.5745

141.0930, 65.6526,
10.5616

24.9103, 48.2973,
2.9351

52.9524, 54.4686,
4.9404

17.2345, 46.3102,
2.3215

63.7512, 56.3627,
5.6648

10.5652, 44.8919,
1.7305

75.1982, 58.1530,
6.4165

0.0000, INF, NaN

0.0000, INF, NaN

87.2585, 59.8408,
7.1948

0.0000, NaN, NaN

99.9024, 61.4299,
7.9991

0.0000, NaN, NaN

113.1041, 62.9249,

0.0000, NaN, NaN

8.8288

0.0000, NaN, NaN

126.8410, 64.3309,
9.6831

■ 33.4737, 50.4039,
3.5745

■ 33.4737, 50.4039,
3.5745

■ 32.0089, 53.3741,
6.0507

■ 35.6511, 45.6707,
1.6513

■ 31.1237, 54.7677,
8.7357

■ 38.5078, 39.6290,
0.3805

■ 41.9763, 32.7773,
-0.2414

■ 45.9749, 25.5269,
-0.2835

■ 50.4238, 18.1557,
0.1608

■ 55.2531, 10.8255,
1.0001

■ 60.4046, 3.6164,
2.1555

■ 65.8307, -3.4409,
3.5637

■ 71.4934, -10.3434,
5.1751

Harmonies

Analogous

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



33.4747, 43.4632, -21.8071



33.4737, 50.4039, 3.5745



33.4747, 40.6875, 16.8571

Triad

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



33.4747, 50.4007, 3.5754



33.4747, -21.3068, 20.9127



33.4747, -18.7721, -55.3838

Complementary

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



33.4737, 50.4039, 3.5745



57.2191, -39.1480, 16.4849

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.



33.4747, -30.0004, -27.1124



33.4737, 50.4039, 3.5745



33.4747, -31.1828, 15.3408

Square

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



33.4747, 50.4007, 3.5754



33.4747, -3.6623, 22.1518



33.4747, -33.9111, -0.0315



33.4747, 0.1286, -66.1921

Rectangle

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



33.4737, 50.4039, 3.5745



33.4747, 27.2226, 20.4391



33.4747, -33.9111, -0.0315



33.4747, -23.3890, -46.9934

Sweetspot

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



33.4747, 50.4007, 3.5754



71.5484, 18.8210, 0.8014



28.5252, 49.0026, -66.9383



32.2616, 10.3640, 0.1975



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.



33.4747, 50.4007, 3.5754



42.2208, 73.1905, 10.9886



33.7126, 42.7413, 18.7238



29.2580, 1.4734, 1.0856



26.6803, 46.9880, 7.1849



4.8546, 8.7790, -0.4698

Inverse Universe

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



33.4747, 50.4007, 3.5754



42.2208, 73.1905, 10.9886



54.8934, -25.0115, -10.9768



29.2580, 1.4734, 1.0856



26.6803, 46.9880, 7.1849



4.8546, 8.7790, -0.4698

Previews

White Background



This preview shows how the HunterLab color 33.4737, 50.4039, 3.5745 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 33.4737, 50.4039, 3.5745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

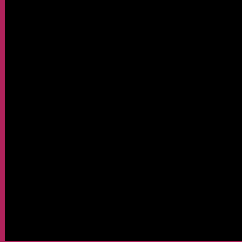
Any Text WCAG AA × Fail

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 33.4737, 50.4039, 3.5745 Background



This preview shows how black text looks on a background with the HunterLab color 33.4737, 50.4039, 3.5745.



This preview shows how white text looks on a background with the HunterLab color 33.4737, 50.4039,

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

33.4737, 50.4039, 3.5745

Protanopia

33.9298, 1.8322, -12.9643

Deuteranopia

33.9092, 1.9915, 5.9024



Tritanopia

33.5462, 42.5344, 16.2800

Trichromacy



Original Color

33.4737, 50.4039, 3.5745

Protanomaly

31.4313, 18.6577, -9.7753

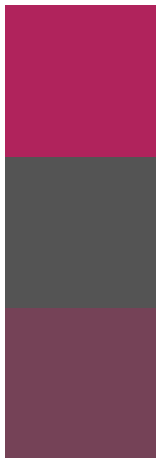
Deuteranomaly

31.9337, 20.6255, 2.8968

Tritanomaly

33.5013, 45.2568, 12.5849

Monochromacy



Original Color

33.4737, 50.4039, 3.5745

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

28.9248, 17.2930, -0.3566

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.4737, 50.4039, 3.5745 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(176, 35, 92)` looks like.

```
.text, #text, p{  
    color:rgb(176, 35, 92)  
}
```

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(176, 35, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 35, 92) }
```

Border

The CSS property to change the border of an element to HunterLab 33.4737, 50.4039, 3.5745 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(176, 35, 92) }
```


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

```
.border{ border-color:rgb(176, 35, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 35, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 35, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 35, 92);  
box-shadow:4px 4px 4px 4px rgb(176, 35,  
92) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.4737, 50.4039, 3.5745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 35, 92) }
```

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

```
.background{ background-color: rgb(176, 35,  
92) }
```

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