

Converting Colors

HunterLab(35.8734, 61.9148,
19.4549)

Have a look what the booklet for
HunterLab(35.8734, 61.9148,
19.4549) contains.

HunterLab(35.8761, 61.9250, 19.4137)	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(35.8761, 61.9250,
19.4137)**

Conversions

Conversions Part 1

Format	Color
Hex	CB002B
RGB	203, 0, 43
RGB Percent	80%, 0%, 17%
CMY	0.2039, 0.9998, 0.8314
CMYK	0.00, 1.00, 0.79, 0.20
HSL	347°, 100%, 40%
HSV	347°, 100%, 80%
XYZ	25.0647, 12.8709, 3.4488
YIQ	65.5990, 107.1850, 56.4090

Conversions

Conversions Part 2

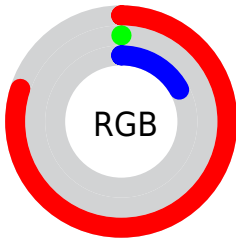
Format	Color
RYB	203, 0, 43
Decimal	13303851
CIELab	42.57, 68.18, 37.70
CIElCh	43, 77.911, 28.940
Yxy	12.8718, 0.6056, 0.3110
Android (android.graphics.Color)	4291493931 (0xFFCB002B)
YUV	65.5990, -11.1413, 120.5007
Hunter-Lab	35.8761, 61.9250, 19.4137

Details

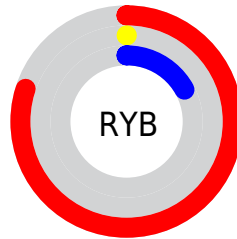
The HunterLab color **35.8761, 61.9250, 19.4137** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **67.2691, -44.2049, 11.3474**, and the grayscale version is **23.2203, -1.2390, 1.2616**.

A 20% lighter version of the original color is **53.5134, 61.0271, 23.5717**, and **23.6124, 40.4369, 15.2578** is the 20% darker color. If you saturate the color by 10%, you get **35.8756, 61.9236, 19.4186**, and if you desaturate by 10%, it is **36.7760, 60.2573, 17.0446**.

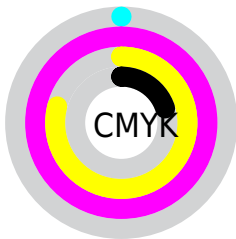
Distribution



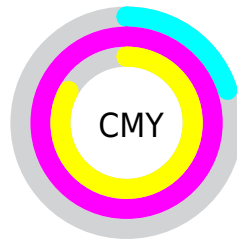
- Red (80%)
- Green (0%)
- Blue (17%)



- Red (80%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (79%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.8761, 61.9250, 19.4137 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 35.8761, 61.9250, 19.4137 by changing the saturation by 10% instead.

■ 35.8761, 61.9250,
19.4137

■ 35.8761, 61.9250,
19.4137

144.9463, 79.4659,
43.4233

■ 27.0930, 59.6783,
16.0585

■ 55.7434, 66.4156,
25.4937

■ 19.1724, 57.6548,
13.1587

■ 66.7173, 68.5601,
28.3044

■ 12.2226, 56.3826,
8.5558

■ 78.3296, 70.6123,
31.0033

■ 5.3334, 73.5388,
3.7334

■ 90.5470, 72.5684,
33.6118

0.0000, INF, NaN

0.0000, NaN, NaN

■ 103.3408, 74.4288,
36.1464

0.0000, NaN, NaN

■ 116.6862, 76.1962,

0.0000, NaN, NaN

38.6200

0.0000, NaN, NaN

130.5612, 77.8739,
41.0429

■ 35.8761, 61.9250,
19.4137

■ 35.8761, 61.9250,
19.4137

■ 35.8756, 61.9236,
19.4186

■ 36.7760, 60.2573,
17.0446

■ 38.4262, 56.6864,
14.3977

■ 40.9674, 51.1034,
11.8111

■ 44.3612, 44.0610,
9.5106

■ 48.5179, 36.1754,
7.6238

■ 53.3305, 27.9362,
6.1870

■ 58.6959, 19.6589,
5.1778

■ 64.5247, 11.5136,
4.5469

■ 70.7433, 3.5746,
4.2381

Harmonies

Analogous

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



35.8772, 73.6037, 0.9470



35.8761, 61.9250, 19.4137



35.8772, 32.0346, 24.3452

Triad

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



35.8772, 61.9204, 19.4144



35.8772, -38.5539, 20.0626



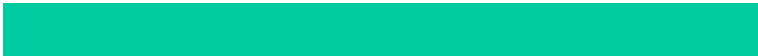
35.8772, -2.9527, -103.6263

Complementary

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



35.8761, 61.9250, 19.4137



67.2691, -44.2049, 11.3474

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.



35.8772, -26.6080, -81.0084



35.8761, 61.9250, 19.4137



35.8772, -42.6639, 2.9305

Square

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



35.8772, 61.9204, 19.4144



35.8772, -25.3165, 24.5117



35.8772, -39.1136, -34.8785



35.8772, 29.6289, -83.7676

Rectangle

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



35.8761, 61.9250, 19.4137



35.8772, 9.5473, 25.1141



35.8772, -39.1136, -34.8785



35.8772, -12.0997, -100.5555

Sweetspot

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



35.8772, 61.9204, 19.4144



75.6481, 25.8881, 6.7448



34.1851, 71.1487, -75.6814



33.5942, 14.0900, 3.3532

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



35.8772, 61.9204, 19.4144



46.3962, 80.0284, 25.5344



39.5944, 48.4599, 25.2444



33.5438, 1.4720, 1.9947



28.6389, 49.4703, 15.2079



6.5923, 11.5586, 2.1735

Inverse Universe

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



35.8772, 61.9204, 19.4144



46.3962, 80.0284, 25.5344



49.7136, -11.6646, -36.9540



33.5438, 1.4720, 1.9947



28.6389, 49.4703, 15.2079



6.5923, 11.5586, 2.1735

Previews

White Background



This preview shows how the HunterLab color 35.8761, 61.9250, 19.4137 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 35.8761, 61.9250, 19.4137 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 35.8761, 61.9250, 19.4137 Background



This preview shows how black text looks on a background with the HunterLab color 35.8761, 61.9250, 19.4137.



This preview shows how white text looks on a background with the HunterLab color 35.8761, 61.9250,

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

35.8761, 61.9250, 19.4137

Protanopia

36.7948, -3.6744, 14.3031

Deuteranopia

36.7304, 2.0219, 20.7921



Tritanopia

36.2492, 59.0410, 23.1354

Trichromacy



Original Color

35.8761, 61.9250, 19.4137

Protanomaly

31.9713, 24.3857, 12.7041

Deuteranomaly

32.6016, 29.0262, 17.8449

Tritanomaly

36.0318, 60.1288, 22.2415

Monochromacy



Original Color

35.8761, 61.9250, 19.4137

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

23.8210, 24.2110, 5.1389

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.8761, 61.9250, 19.4137 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(203, 0, 43)` looks like.

```
.text, #text, p{  
    color:rgb(203, 0, 43)  
}
```

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(203, 0, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 0, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 35.8761, 61.9250, 19.4137 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(203, 0, 43) }
```


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

```
.border{ border-color:rgb(203, 0, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 0, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 0, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 0, 43);  
box-shadow:4px 4px 4px 4px rgb(203, 0, 43)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 35.8761, 61.9250, 19.4137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 0, 43) }
```

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

```
.background{ background-color: rgb(203, 0,  
43) }
```

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