

Converting Colors

HunterLab(36.1081, 62.3918,
19.0258)

Have a look what the booklet for
HunterLab(36.1081, 62.3918,
19.0258) contains.

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Color

**HunterLab(36.1035, 62.3747,
19.0940)**

Conversions

Conversions Part 1

Format	Color
Hex	CC002E
RGB	204, 0, 46
RGB Percent	80%, 0%, 18%
CMY	0.2000, 0.9998, 0.8196
CMYK	0.00, 1.00, 0.77, 0.20
HSL	346°, 100%, 40%
HSV	346°, 100%, 80%
XYZ	25.3950, 13.0346, 3.7622
YIQ	66.2400, 106.8180, 57.5540

Conversions

Conversions Part 2

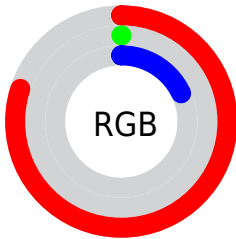
Format	Color
RYB	204, 0, 46
Decimal	13369390
CIELab	42.82, 68.52, 36.27
CIElCh	43, 77.524, 27.891
Yxy	13.0355, 0.6019, 0.3089
Android (android.graphics.Color)	4291559470 (0xFFCC002E)
YUV	66.2400, -9.9783, 120.8155
Hunter-Lab	36.1035, 62.3747, 19.0940

Details

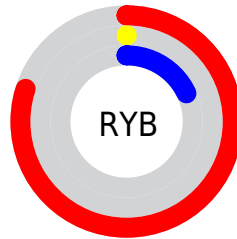
The HunterLab color **36.1035, 62.3747, 19.0940** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **67.5690, -44.8890, 12.4492**, and the grayscale version is **23.4407, -1.2507, 1.2736**.

A 20% lighter version of the original color is **53.5614, 61.2329, 22.8682**, and **23.8011, 40.7693, 15.3083** is the 20% darker color. If you saturate the color by 10%, you get **36.1030, 62.3732, 19.0991**, and if you desaturate by 10%, it is **37.0121, 60.7349, 16.6146**.

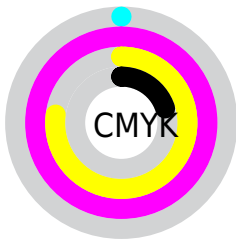
Distribution



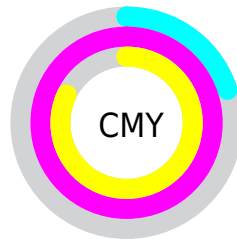
- Red (80%)
- Green (0%)
- Blue (18%)



- Red (80%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (77%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.1035, 62.3747, 19.0940 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 36.1035, 62.3747, 19.0940 by changing the saturation by 10% instead.

■ 36.1035, 62.3747,
19.0940

■ 36.1035, 62.3747,
19.0940

145.3082, 79.9796,
42.3283

■ 27.3001, 60.1226,
15.8612

■ 56.0067, 66.8773,
24.9577

■ 19.3571, 58.0926,
12.8917

■ 66.9969, 69.0285,
27.6726

■ 12.3816, 56.8062,
8.6671

■ 78.6245, 71.0879,
30.2823

■ 5.5841, 71.6474,
3.9088

■ 90.8565, 73.0513,
32.8074

0.0000, INF, NaN

0.0000, NaN, NaN

■ 103.6642, 74.9193,
35.2635

0.0000, NaN, NaN

■ 117.0229, 76.6943,

0.0000, NaN, NaN

37.6628

0.0000, NaN, NaN

130.9107, 78.3798,
40.0152

■ 36.1035, 62.3747,
19.0940

■ 36.1035, 62.3747,
19.0940

■ 36.1030, 62.3732,
19.0991

■ 37.0121, 60.7349,
16.6146

■ 38.6739, 57.1715,
13.8946

■ 41.2290, 51.5744,
11.2782

■ 44.6394, 44.4969,
8.9892

■ 48.8153, 36.5581,
7.1479

■ 53.6497, 28.2521,
5.7825

■ 59.0392, 19.8979,
4.8636

■ 64.8942, 11.6692,
4.3364

■ 71.1409, 3.6424,
4.1411

Harmonies

Analogous

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



36.1046, 73.1352, -0.0577



36.1035, 62.3747, 19.0940



36.1046, 33.0579, 24.3369

Triad

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



36.1046, 62.3701, 19.0947



36.1046, -38.2622, 20.3967



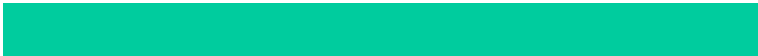
36.1046, -3.9731, -102.6564

Complementary

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



36.1035, 62.3747, 19.0940



67.5690, -44.8890, 12.4492

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.



36.1046, -27.2052, -78.9621



36.1035, 62.3747, 19.0940



36.1046, -42.6716, 3.8775

Square

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



36.1046, 62.3701, 19.0947



36.1046, -24.6343, 24.6644



36.1046, -39.3804, -33.0493



36.1046, 28.2981, -84.3933

Rectangle

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



36.1035, 62.3747, 19.0940



36.1046, 10.6316, 25.2733



36.1046, -39.3804, -33.0493



36.1046, -12.9761, -99.1018

Sweetspot

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



36.1046, 62.3701, 19.0947



75.6794, 26.0472, 6.2971



33.8664, 70.8629, -77.9022



33.6105, 14.1714, 3.1207

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.1046, 62.3701, 19.0947



46.4328, 80.1636, 24.9952



39.3903, 49.9807, 25.1453



33.5476, 1.4921, 1.9415



28.6632, 49.5602, 14.8496



6.6010, 11.5905, 2.0473

Inverse Universe

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



36.1046, 62.3701, 19.0947



46.4328, 80.1636, 24.9952



51.0378, -13.2689, -35.1460



33.5476, 1.4921, 1.9415



28.6632, 49.5602, 14.8496



6.6010, 11.5905, 2.0473

Previews

White Background



This preview shows how the HunterLab color 36.1035, 62.3747, 19.0940 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 36.1035, 62.3747, 19.0940 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 36.1035, 62.3747, 19.0940 Background



This preview shows how black text looks on a background with the HunterLab color 36.1035, 62.3747, 19.0940.



This preview shows how white text looks on a background with the HunterLab color 36.1035, 62.3747,

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

36.1035, 62.3747, 19.0940

Protanopia

36.8611, -3.3083, 13.3357

Deuteranopia

36.8660, 2.5353, 20.4470



Tritanopia

36.3070, 58.9343, 22.9819

Trichromacy



Original Color

36.1035, 62.3747, 19.0940

Protanomaly

32.0205, 24.6146, 11.9871

Deuteranomaly

32.7922, 29.5829, 17.4088

Tritanomaly

36.0796, 60.0750, 22.0364

Monochromacy



Original Color

36.1035, 62.3747, 19.0940

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

23.8426, 24.3060, 4.8280

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.1035, 62.3747, 19.0940 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(204, 0, 46)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 46)  
}
```

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(204, 0, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 36.1035, 62.3747, 19.0940 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(204, 0, 46) }
```


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

```
.border{ border-color:rgb(204, 0, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 0, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 46);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.1035, 62.3747, 19.0940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 46) }
```

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

```
.background{ background-color: rgb(204, 0,  
46) }
```

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](#).

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