

Converting Colors

HunterLab(32.5469, 77.4304,
9.9762)

Have a look what the booklet for
HunterLab(32.5469, 77.4304,
9.9762) contains.

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Color

**HunterLab(36.3009, 63.4915,
13.1848)**

Conversions

Conversions Part 1

Format	Color
Hex	CB0049
RGB	203, 0, 73
RGB Percent	80%, 0%, 29%
CMY	0.2039, 0.9998, 0.7137
CMYK	0.00, 1.00, 0.64, 0.20
HSL	338°, 100%, 40%
HSV	338°, 100%, 80%
XYZ	25.8312, 13.1776, 7.4854
YIQ	69.0190, 97.5550, 65.7390

Conversions

Conversions Part 2

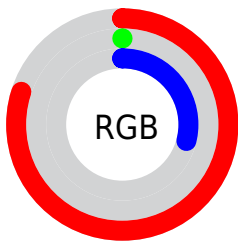
Format	Color
R_{YB}	203, 0, 73
Decimal	13303881
CIE _{Lab}	43.03, 69.43, 19.85
CIE _{LCh}	43, 72.210, 15.952
Yxy	13.1784, 0.5556, 0.2834
Android (android.graphics.Color)	4291493961 (0xFFCB0049)
YUV	69.0190, 1.9626, 117.5013
Hunter-Lab	36.3009, 63.4915, 13.1848

Details

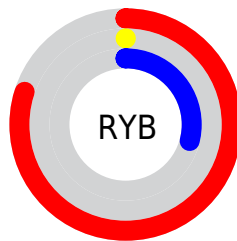
The HunterLab color **36.3009, 63.4915, 13.1848** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **66.5768, -48.4405, 21.3560**, and the grayscale version is **24.3787, -1.3008, 1.3245**.

A 20% lighter version of the original color is **54.1258, 63.6402, 14.6512**, and **23.9926, 41.4788, 12.4750** is the 20% darker color. If you saturate the color by 10%, you get **36.3003, 63.4896, 13.1916**, and if you desaturate by 10%, it is **37.2569, 62.0723, 10.0326**.

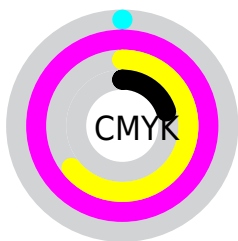
Distribution



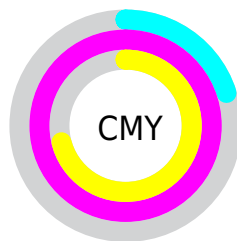
- Red (80%)
- Green (0%)
- Blue (29%)



- Red (80%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.3009, 63.4915, 13.1848 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 36.3009, 63.4915, 13.1848 by changing the saturation by 10% instead.

36.3009, 63.4915,
13.1848

36.3009, 63.4915,
13.1848

145.6220, 81.3011,
28.0699

27.4800, 61.2294,
11.2863

56.2351, 68.0304,
16.7252

19.5175, 59.2001,
9.2455

67.2393, 70.2037,
18.4131

12.5199, 57.9336,
7.8961

78.8803, 72.2864,
20.0661

5.7925, 71.2744,
4.0547

91.1248, 74.2740,
21.6937

0.0000, INF, NaN

0.0000, NaN, NaN

103.9446, 76.1665,
23.3031

0.0000, NaN, NaN

117.3149, 77.9663,

0.0000, NaN, NaN

24.8996

0.0000, NaN, NaN

131.2138, 79.6766,
26.4875

■ 36.3009, 63.4915,
13.1848

■ 36.3009, 63.4915,
13.1848

■ 36.3003, 63.4896,
13.1916

■ 37.2569, 62.0723,
10.0326

■ 38.9340, 58.6845,
7.0402

■ 41.4700, 53.1957,
4.5653

■ 44.8309, 46.1358,
2.7680

■ 48.9331, 38.1133,
1.6797

■ 53.6761, 29.6278,
1.2461

■ 58.9621, 21.0137,
1.3742

■ 64.7053, 12.4626,
1.9656

■ 70.8344, 4.0670,
2.9322

Harmonies

Analogous

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



36.3020, 64.2192, -12.3369



36.3009, 63.4915, 13.1848



36.3020, 42.1848, 22.6534

Triad

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



36.3020, 63.4871, 13.1857



36.3020, -32.4630, 22.3623



36.3020, -13.8105, -87.3600

Complementary

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



36.3009, 63.4915, 13.1848



66.5768, -48.4405, 21.3560

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.



36.3020, -31.6758, -55.2677



36.3009, 63.4915, 13.1848



36.3020, -40.0880, 12.1185

Square

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



36.3020, 63.4871, 13.1857



36.3020, -15.2554, 24.8677



36.3020, -39.8504, -14.5799



36.3020, 13.6256, -86.1416

Rectangle

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



36.3009, 63.4915, 13.1848



36.3020, 21.9955, 24.4695



36.3020, -39.8504, -14.5799



36.3020, -20.9311, -79.4637

Sweetspot

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



36.3020, 63.4871, 13.1857



75.9976, 27.6608, 1.7583



29.9117, 65.6316, -92.4115



33.7767, 15.0013, 0.7486

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.3020, 63.4871, 13.1857



46.9328, 82.0079, 17.6605



36.7220, 57.3691, 23.6304



33.5845, 1.6909, 1.4143



28.9860, 50.7497, 10.1227



6.6923, 11.9245, 0.7300

Inverse Universe

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



36.3020, 63.4871, 13.1857



46.9328, 82.0079, 17.6605



59.4462, -25.0800, -20.1597



33.5845, 1.6909, 1.4143



28.9860, 50.7497, 10.1227



6.6923, 11.9245, 0.7300

Previews

White Background



This preview shows how the HunterLab color 36.3009, 63.4915, 13.1848 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 36.3009, 63.4915, 13.1848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

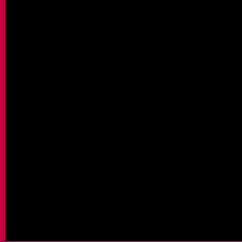
Any Text WCAG AA × Fail

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 36.3009, 63.4915, 13.1848 Background



This preview shows how black text looks on a background with the HunterLab color 36.3009, 63.4915, 13.1848.



This preview shows how white text looks on a background with the HunterLab color 36.3009, 63.4915,

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

36.3009, 63.4915, 13.1848

Protanopia

37.1016, -0.7967, 0.6192

Deuteranopia

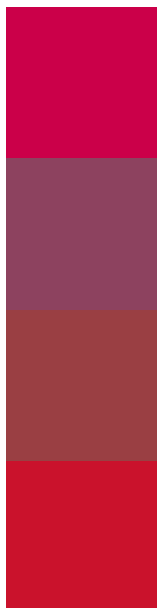
37.0533, 2.5589, 15.1155



Tritanopia

36.7620, 57.0280, 21.9786

Trichromacy



Original Color

36.3009, 63.4915, 13.1848

Protanomaly

32.2263, 26.6786, 0.4062

Deuteranomaly

32.9094, 29.8272, 11.2339

Tritanomaly

36.2919, 59.5885, 19.5132

Monochromacy



Original Color

36.3009, 63.4915, 13.1848

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

24.6883, 25.3184, 1.7407

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.3009, 63.4915, 13.1848 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, 73)` looks like.

```
.text, #text, p{  
    color:rgb(203, 0, 73)  
}
```

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, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 0, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 36.3009, 63.4915, 13.1848 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, 73) }
```


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

```
.border{ border-color:rgb(203, 0, 73) }
```

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, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 0, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 0, 73);  
box-shadow:4px 4px 4px 4px rgb(203, 0, 73)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.3009, 63.4915, 13.1848 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, 73) }
```

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

```
.background{ background-color: rgb(203, 0,  
73) }
```

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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