

Converting Colors

HunterLab(30.1121, 52.0243,
15.9194)

Have a look what the booklet for
HunterLab(30.1121, 52.0243,
15.9194) contains.

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Color

**HunterLab(30.0403, 51.9107,
15.8003)**

Conversions

Conversions Part 1

Format	Color
Hex	AD0026
RGB	173, 0, 38
RGB Percent	68%, 0%, 15%
CMY	0.3216, 0.9999, 0.8510
CMYK	0.00, 1.00, 0.78, 0.32
HSL	347°, 100%, 34%
HSV	347°, 100%, 68%
XYZ	17.5835, 9.0242, 2.6488
YIQ	56.0590, 90.9100, 48.4940

Conversions

Conversions Part 2

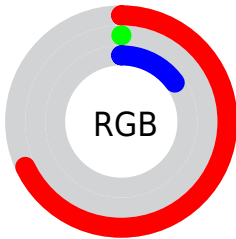
Format	Color
RYB	173, 0, 38
Decimal	11337766
CIELab	36.03, 60.63, 31.76
CIELCh	36, 68.440, 27.648
Yxy	9.0248, 0.6010, 0.3085
Android (android.graphics.Color)	4289527846 (0xFFAD0026)
YUV	56.0590, -8.9031, 102.5573
Hunter-Lab	30.0403, 51.9107, 15.8003

Details

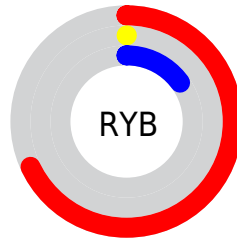
The HunterLab color **30.0403, 51.9107, 15.8003** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **56.2470, -37.1231, 9.8362**, and the grayscale version is **19.9194, -1.0629, 1.0823**.

A 20% lighter version of the original color is **48.8939, 56.3690, 21.1914**, and **18.5600, 31.7846, 11.9930** is the 20% darker color. If you saturate the color by 10%, you get **30.0399, 51.9097, 15.8038**, and if you desaturate by 10%, it is **30.8850, 50.2582, 13.7865**.

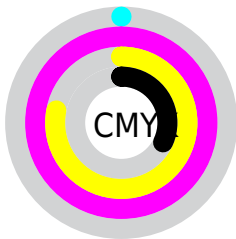
Distribution



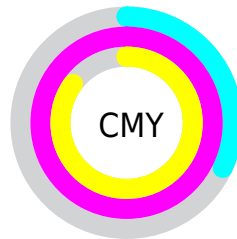
- Red (68%)
- Green (0%)
- Blue (15%)



- Red (68%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (78%)
- Black (32%)



- Cyan (32%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.0403, 51.9107, 15.8003 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 30.0403, 51.9107, 15.8003 by changing the saturation by 10% instead.

■ 30.0403, 51.9107,
15.8003

■ 30.0403, 51.9107,
15.8003

135.4853, 68.0372,
37.1819

■ 21.8113, 49.8010,
12.7737

■ 48.9329, 56.1314,
21.2287

■ 14.5107, 47.9786,
10.1575

■ 59.4686, 58.1276,
23.7261

■ 8.1717, 48.2600,
5.7202

■ 70.6677, 60.0238,
26.1224

0.0000, INF, NaN

0.0000, INF, NaN

■ 82.4930, 61.8180,
28.4391

0.0000, NaN, NaN

■ 94.9130, 63.5122,
30.6923


0.0000, NaN, NaN


■ 107.9005, 65.1105,


0.0000, NaN, NaN


32.8945


0.0000, NaN, NaN


 121.4316, 66.6173,
35.0551


 30.0403, 51.9107,
15.8003


 30.0403, 51.9107,
15.8003


 30.0399, 51.9097,
15.8038

 30.8850, 50.2582,
13.7865

 32.3207, 47.1452,
11.5659

 34.4837, 42.4133,
9.4340

 37.3384, 36.5223,
7.5659

 40.8107, 29.9668,
6.0549

■ 44.8138, 23.1352,
4.9228

■ 49.2651, 16.2765,
4.1466

■ 54.0929, 9.5256,
3.6836

■ 59.2382, 2.9417,
3.4868

Harmonies

Analogous

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



30.0413, 60.6753, -0.2441



30.0403, 51.9107, 15.8003



30.0413, 27.6634, 20.4345

Triad

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



30.0413, 51.9069, 15.8009



30.0413, -31.7333, 17.0102



30.0413, -3.4957, -85.1080

Complementary

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



30.0403, 51.9107, 15.8003



56.2470, -37.1231, 9.8362

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.



30.0413, -22.7178, -65.2179



30.0403, 51.9107, 15.8003



30.0413, -35.4550, 3.4005

Square

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



30.0413, 51.9069, 15.8009



30.0413, -20.3350, 20.8221



30.0413, -32.7706, -27.1134



30.0413, 23.2579, -70.2388

Rectangle

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



30.0403, 51.9107, 15.8003



30.0413, 9.0427, 21.0289



30.0413, -32.7706, -27.1134



30.0413, -10.9486, -82.0628

Sweetspot

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



30.0413, 51.9069, 15.8009



65.5938, 22.2768, 5.5942



28.2401, 59.0397, -64.5684



29.4228, 12.1230, 2.7842



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



30.0413, 51.9069, 15.8009



40.1687, 69.3476, 21.6342



32.9399, 41.0708, 21.0149



28.3603, 1.1907, 1.6569



25.7619, 44.5449, 13.3382



4.3887, 7.7674, 0.8858

Inverse Universe

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



30.0413, 51.9069, 15.8009



40.1687, 69.3476, 21.6342



42.6188, -11.2713, -28.9357



28.3603, 1.1907, 1.6569



25.7619, 44.5449, 13.3382



4.3887, 7.7674, 0.8858

Previews

White Background



This preview shows how the HunterLab color 30.0403, 51.9107, 15.8003 looks on a white background.

Color Contrast Check

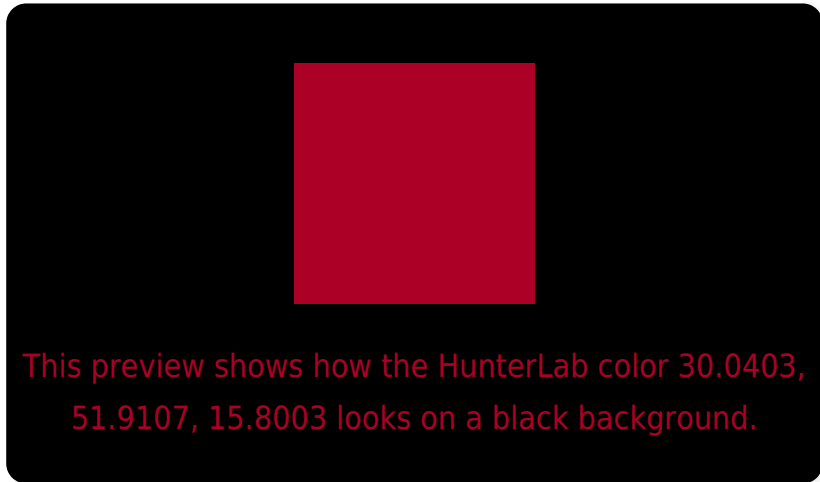
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

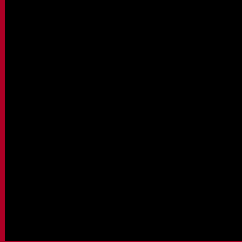
Any Text WCAG AA × Fail

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 30.0403, 51.9107, 15.8003 Background



This preview shows how black text looks on a background with the HunterLab color 30.0403, 51.9107, 15.8003.



This preview shows how white text looks on a background with the HunterLab color 30.0403, 51.9107,

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

30.0403, 51.9107, 15.8003

Protanopia

31.1734, -3.1752, 11.5399

Deuteranopia

30.9526, 1.8956, 17.1198



Tritanopia

30.4433, 49.0499, 19.2822

Trichromacy



Original Color

30.0403, 51.9107, 15.8003

Protanomaly

26.9784, 20.1436, 10.0935

Deuteranomaly

27.6255, 23.9800, 14.6603

Tritanomaly

30.2407, 50.0876, 18.3891

Monochromacy



Original Color

30.0403, 51.9107, 15.8003

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.3375, 19.9743, 4.4105

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.0403, 51.9107, 15.8003 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(173, 0, 38)` looks like.

```
.text, #text, p{  
    color:rgb(173, 0, 38)  
}
```

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(173, 0, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 0, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 30.0403, 51.9107, 15.8003 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(173, 0, 38) }
```


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

```
.border{ border-color:rgb(173, 0, 38) }
```

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

Here you see how a box with a 4 pixel rgb(173, 0, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 0, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 0, 38);  
box-shadow:4px 4px 4px 4px rgb(173, 0, 38)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.0403, 51.9107, 15.8003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 0, 38) }
```

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

```
.background{ background-color: rgb(173, 0,  
38) }
```

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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