

Converting Colors

HunterLab(30.1259, 52.0755,
15.7151)

Have a look what the booklet for
HunterLab(30.1259, 52.0755,
15.7151) contains.

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Color

**HunterLab(30.0512, 51.9510,
15.6398)**

Conversions

Conversions Part 1

Format	Color
Hex	AD0027
RGB	173, 0, 39
RGB Percent	68%, 0%, 15%
CMY	0.3216, 0.9999, 0.8471
CMYK	0.00, 1.00, 0.77, 0.32
HSL	346°, 100%, 34%
HSV	346°, 100%, 68%
XYZ	17.5998, 9.0307, 2.7350
YIQ	56.1730, 90.5890, 48.8050

Conversions

Conversions Part 2

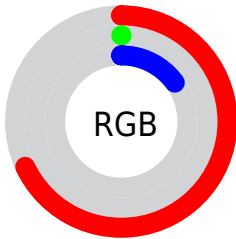
Format	Color
RYB	173, 0, 39
Decimal	11337767
CIELab	36.04, 60.66, 31.16
CIElCh	36, 68.194, 27.188
Yxy	9.0313, 0.5993, 0.3075
Android (android.graphics.Color)	4289527847 (0xFFAD0027)
YUV	56.1730, -8.4663, 102.4573
Hunter-Lab	30.0512, 51.9510, 15.6398

Details

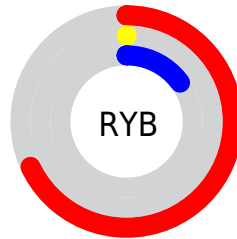
The HunterLab color **30.0512, 51.9510, 15.6398** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **56.2221, -37.2750, 10.1952**, and the grayscale version is **19.9569, -1.0649, 1.0843**.

A 20% lighter version of the original color is **48.9099, 56.4370, 20.9585**, and **18.5600, 31.7846, 11.9930** is the 20% darker color. If you saturate the color by 10%, you get **30.0508, 51.9499, 15.6434**, and if you desaturate by 10%, it is **30.8982, 50.3081, 13.5942**.

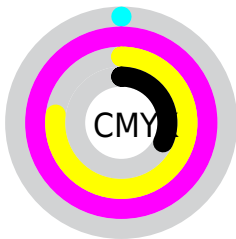
Distribution



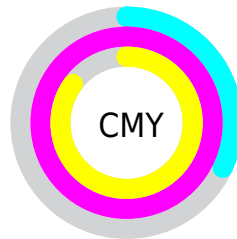
- Red (68%)
- Green (0%)
- Blue (15%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (77%)
- Black (32%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.0512, 51.9510, 15.6398 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 30.0512, 51.9510, 15.6398 by changing the saturation by 10% instead.

■ 30.0512, 51.9510,
15.6398

■ 30.0512, 51.9510,
15.6398

■ 135.5033, 68.0855,
36.6961

■ 21.8211, 49.8409,
12.6636

■ 48.9457, 56.1731,
20.9766

■ 14.5192, 48.0183,
10.1635

■ 59.4823, 58.1702,
23.4337

■ 8.1803, 48.2865,
5.7262

■ 70.6822, 60.0673,
25.7926

0.0000, INF, NaN

0.0000, INF, NaN

■ 82.5083, 61.8624,
28.0744

0.0000, NaN, NaN

■ 94.9290, 63.5576,
30.2949


0.0000, NaN, NaN


■ 107.9172, 65.1568,


0.0000, NaN, NaN


32.4661


0.0000, NaN, NaN


 121.4489, 66.6645,
34.5974


 30.0512, 51.9510,
15.6398


 30.0512, 51.9510,
15.6398


 30.0508, 51.9499,
15.6434

 30.8982, 50.3081,
13.5942

 32.3351, 47.2025,
11.3554

 34.4984, 42.4752,
9.2204

 37.3525, 36.5851,
7.3625

 40.8234, 30.0265,
5.8724

■ 44.8245, 23.1881,
4.7689

■ 49.2735, 16.3193,
4.0267

■ 54.0987, 9.5559,
3.6014

■ 59.2411, 2.9576,
3.4448

Harmonies

Analogous

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



30.0522, 60.3645, -0.6162



30.0512, 51.9510, 15.6398



30.0522, 27.9698, 20.3700

Triad

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



30.0522, 51.9472, 15.6404



30.0522, -31.5502, 17.0888



30.0522, -3.8525, -84.5619

Complementary

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



30.0512, 51.9510, 15.6398



56.2221, -37.2750, 10.1952

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.



30.0522, -22.8789, -64.3387



30.0512, 51.9510, 15.6398



30.0522, -35.3732, 3.7260

Square

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



30.0522, 51.9472, 15.6404



30.0522, -20.0361, 20.8315



30.0522, -32.7896, -26.4041



30.0522, 22.7276, -70.2999

Rectangle

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



30.0512, 51.9510, 15.6398



30.0522, 9.4167, 21.0365



30.0522, -32.7896, -26.4041



30.0522, -11.2368, -81.3521

Sweetspot

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



30.0522, 51.9472, 15.6404



65.6052, 22.3348, 5.4311



28.2401, 59.0397, -64.5685



29.4288, 12.1528, 2.6993



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.



30.0522, 51.9472, 15.6404



40.1826, 69.3991, 21.4289



32.9399, 41.0708, 21.0149



28.3616, 1.1978, 1.6383



25.7715, 44.5803, 13.1969



4.3920, 7.7795, 0.8381

Inverse Universe

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



30.0522, 51.9472, 15.6404



40.1826, 69.3991, 21.4289



42.6188, -11.2713, -28.9358



28.3616, 1.1978, 1.6383



25.7715, 44.5803, 13.1969



4.3920, 7.7795, 0.8381

Previews

White Background



This preview shows how the HunterLab color 30.0512, 51.9510, 15.6398 looks on a white background.

Color Contrast Check

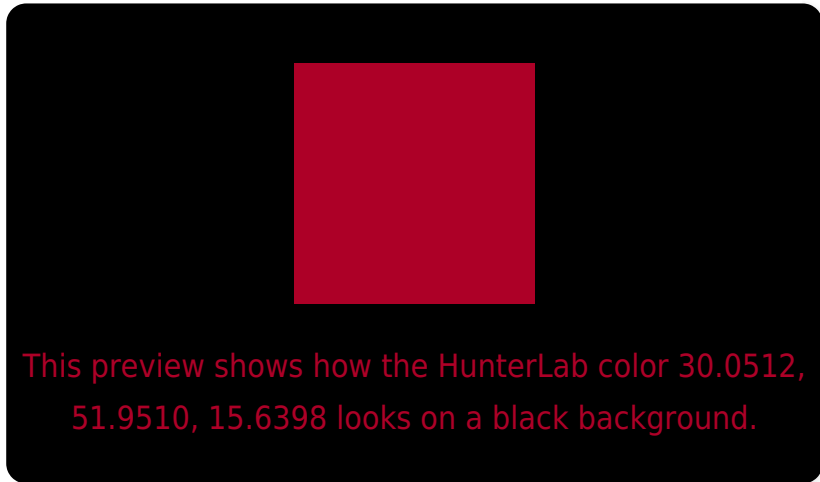
Large Text (above 18pt) WCAG AA ✓ Pass

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

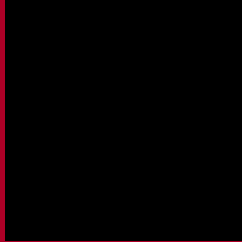
Any Text WCAG AA × Fail

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 30.0512, 51.9510, 15.6398 Background



This preview shows how black text looks on a background with the HunterLab color 30.0512, 51.9510, 15.6398.



This preview shows how white text looks on a background with the HunterLab color 30.0512, 51.9510,

15.6398.

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

30.0512, 51.9510, 15.6398

Protanopia

31.1899, -3.0842, 11.2996

Deuteranopia

30.9602, 1.9364, 17.0076



Tritanopia

30.4505, 49.0773, 19.1754

Trichromacy



Original Color

30.0512, 51.9510, 15.6398

Protanomaly

26.9949, 20.2209, 9.8526

Deuteranomaly

27.6352, 24.0241, 14.5175

Tritanomaly

30.2462, 50.1085, 18.3071

Monochromacy



Original Color

30.0512, 51.9510, 15.6398

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.3585, 20.0675, 4.1080

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.0512, 51.9510, 15.6398 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, 39)` looks like.

```
.text, #text, p{  
    color:rgb(173, 0, 39)  
}
```

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, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 0, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 30.0512, 51.9510, 15.6398 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, 39) }
```


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

```
.border{ border-color:rgb(173, 0, 39) }
```

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, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 0, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 0, 39);  
box-shadow:4px 4px 4px 4px rgb(173, 0, 39)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.0512, 51.9510, 15.6398 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, 39) }
```

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

```
.background{ background-color: rgb(173, 0,  
39) }
```

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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