

Converting Colors

HunterLab(29.7408, 51.6183,
13.8986)

Have a look what the booklet for
HunterLab(29.7408, 51.6183,
13.8986) contains.

HunterLab(29.7711, 51.6732, 13.8935)	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(29.7711, 51.6732,
13.8935)**

Conversions

Conversions Part 1

Format	Color
Hex	AB002F
RGB	171, 0, 47
RGB Percent	67%, 0%, 18%
CMY	0.3294, 0.9999, 0.8157
CMYK	0.00, 1.00, 0.73, 0.33
HSL	344°, 100%, 34%
HSV	344°, 100%, 67%
XYZ	17.3077, 8.8632, 3.4879
YIQ	56.4870, 86.8290, 50.8690

Conversions

Conversions Part 2

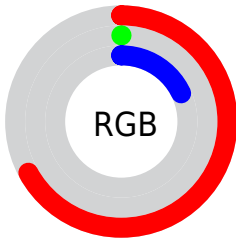
Format	Color
R_{YB}	171, 0, 47
Decimal	11206703
CIE Lab	35.72, 60.47, 25.65
CIE LCh	36, 65.687, 22.989
Yxy	8.8637, 0.5835, 0.2988
Android (android.graphics.Color)	4289396783 (0xFFAB002F)
YUV	56.4870, -4.6771, 100.4279
Hunter-Lab	29.7711, 51.6732, 13.8935

Details

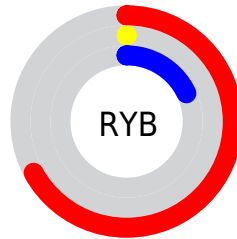
The HunterLab color **29.7711, 51.6732, 13.8935** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **55.3008, -38.0206, 12.9563**, and the grayscale version is **20.0523, -1.0699, 1.0895**.

A 20% lighter version of the original color is **48.5415, 55.9082, 18.2407**, and **18.2071, 31.1803, 11.7650** is the 20% darker color. If you saturate the color by 10%, you get **29.7707, 51.6721, 13.8975**, and if you desaturate by 10%, it is **30.6313, 50.1043, 11.6367**.

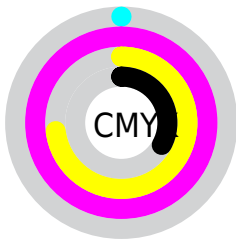
Distribution



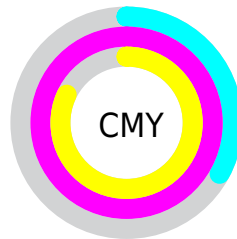
- Red (67%)
- Green (0%)
- Blue (18%)



- Red (67%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (73%)
- Black (33%)



- Cyan (33%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.7711, 51.6732, 13.8935 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 29.7711, 51.6732, 13.8935 by changing the saturation by 10% instead.

■ 29.7711, 51.6732,
13.8935

■ 29.7711, 51.6732,
13.8935

135.0400, 67.7833,
32.0275

■ 21.5695, 49.5686,
11.3907

■ 48.6160, 55.8900,
18.4079

■ 14.2997, 47.7603,
9.5894

■ 59.1304, 57.8847,
20.5038

■ 7.9581, 48.4771,
5.5706

■ 70.3094, 59.7794,
22.5275

0.0000, INF, NaN

0.0000, NaN, NaN

■ 82.1158, 61.5719,
24.4961

0.0000, NaN, NaN

■ 94.5177, 63.2644,
26.4220

0.0000, NaN, NaN

■ 107.4878, 64.8607,

0.0000, NaN, NaN

28.3145

0.0000, NaN, NaN

121.0023, 66.3655,
30.1811

29.7711, 51.6732,
13.8935

29.7711, 51.6732,
13.8935

29.7707, 51.6721,
13.8975

30.6313, 50.1043,
11.6367

32.0630, 47.0848,
9.3061

34.2019, 42.4449,
7.2045

37.0134, 36.6312,
5.4860

40.4262, 30.1280,
4.2144

■ 44.3568, 23.3200,
3.3840

■ 48.7254, 16.4573,
2.9505

■ 53.4626, 9.6787,
2.8566

■ 58.5110, 3.0479,
3.0457

Harmonies

Analogous

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



29.7720, 56.9477, -4.0436



29.7711, 51.6732, 13.8935



29.7720, 30.3358, 19.5686

Triad

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



29.7720, 51.6695, 13.8941



29.7720, -29.5125, 17.5266



29.7720, -6.8462, -78.8664

Complementary

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



29.7711, 51.6732, 13.8935



55.3008, -38.0206, 12.9563

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.



29.7720, -23.9819, -56.1561



29.7711, 51.6732, 13.8935



29.7720, -34.2087, 6.3525

Square

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



29.7720, 51.6695, 13.8941



29.7720, -17.0983, 20.6849



29.7720, -32.5519, -20.1976



29.7720, 17.9314, -69.9867

Rectangle

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



29.7711, 51.6732, 13.8935



29.7720, 12.6302, 20.8404



29.7720, -32.5519, -20.1976



29.7720, -13.5586, -74.3204

Sweetspot

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



29.7720, 51.6695, 13.8941



64.8742, 22.5251, 3.9679



26.6820, 56.7070, -68.1785



29.4803, 12.4109, 1.9628



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.



29.7720, 51.6695, 13.8941



39.8024, 69.0079, 19.1682



31.6000, 43.3183, 20.2286



28.3728, 1.2581, 1.4785



25.8636, 44.9202, 11.8440



4.4203, 7.8824, 0.4331

Inverse Universe

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



29.7720, 51.6695, 13.8941



39.8024, 69.0079, 19.1682



44.6973, -14.8428, -23.8240



28.3728, 1.2581, 1.4785



25.8636, 44.9202, 11.8440



4.4203, 7.8824, 0.4331

Previews

White Background



This preview shows how the HunterLab color 29.7711, 51.6732, 13.8935 looks on a white background.

Color Contrast Check

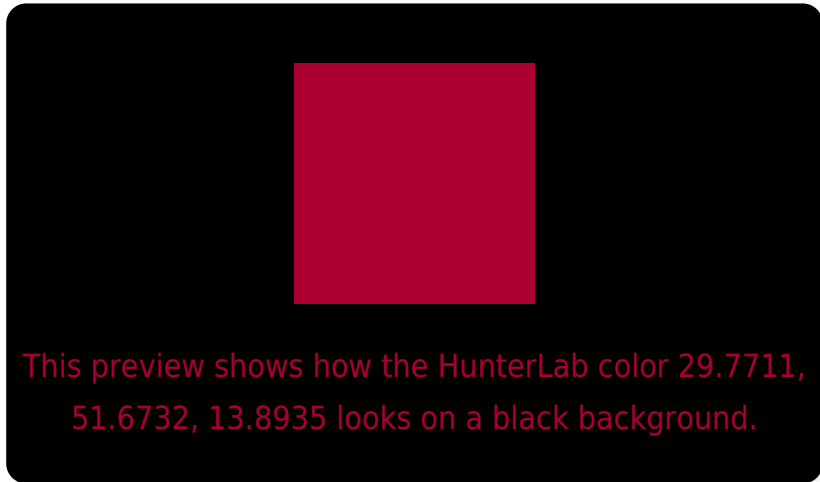
Large Text (above 18pt) WCAG AA ✓ Pass

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

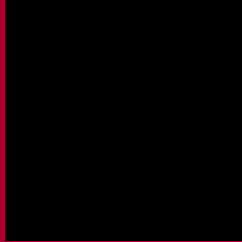
Any Text WCAG AA × Fail

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 29.7711, 51.6732, 13.8935 Background



This preview shows how black text looks on a background with the HunterLab color 29.7711, 51.6732, 13.8935.



This preview shows how white text looks on a background with the HunterLab color 29.7711, 51.6732,

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

29.7711, 51.6732, 13.8935

Protanopia

30.8770, -2.4259, 7.8575

Deuteranopia

30.8457, 1.7327, 15.5127



Tritanopia

30.0724, 47.6250, 18.5451

Trichromacy



Original Color

29.7711, 51.6732, 13.8935

Protanomaly

26.7304, 20.8068, 6.7267

Deuteranomaly

27.4438, 23.7371, 12.7941

Tritanomaly

29.8053, 49.0255, 17.2801

Monochromacy



Original Color

29.7711, 51.6732, 13.8935

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.2866, 20.0238, 3.0072

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.7711, 51.6732, 13.8935 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(171, 0, 47)` looks like.

```
.text, #text, p{  
    color:rgb(171, 0, 47)  
}
```

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(171, 0, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 0, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 29.7711, 51.6732, 13.8935 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(171, 0, 47) }
```


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

```
.border{ border-color:rgb(171, 0, 47) }
```

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

Here you see how a box with a 4 pixel rgb(171, 0, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 0, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 0, 47);  
box-shadow:4px 4px 4px 4px rgb(171, 0, 47)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.7711, 51.6732, 13.8935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 0, 47) }
```

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

```
.background{ background-color: rgb(171, 0,  
47) }
```

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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