

Converting Colors

HunterLab(31.4917, 51.5596,
13.2640)

Have a look what the booklet for
HunterLab(31.4917, 51.5596,
13.2640) contains.

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Color

**HunterLab(31.4905, 51.5633,
13.2628)**

Conversions

Conversions Part 1

Format	Color
Hex	B01138
RGB	176, 17, 56
RGB Percent	69%, 7%, 22%
CMY	0.3098, 0.9332, 0.7804
CMYK	0.00, 0.90, 0.68, 0.31
HSL	345°, 82%, 38%
HSV	345°, 90%, 69%
XYZ	18.8187, 9.9165, 4.6636
YIQ	68.9870, 82.2450, 45.8370

Conversions

Conversions Part 2

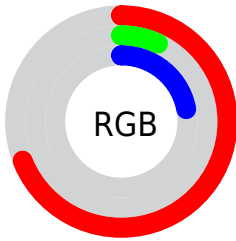
Format	Color
R_{YB}	176, 17, 56
Decimal	11538744
CIE Lab	37.69, 59.99, 22.60
CIE LCh	38, 64.101, 20.642
Yxy	9.9171, 0.5634, 0.2969
Android (android.graphics.Color)	4289728824 (0xFFB01138)
YUV	68.9870, -6.4026, 93.8504
Hunter-Lab	31.4905, 51.5633, 13.2628

Details

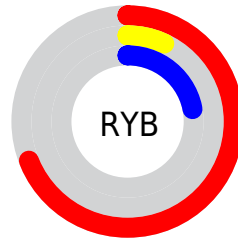
The HunterLab color **31.4905, 51.5633, 13.2628** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **57.4252, -37.4758, 10.2856**, and the grayscale version is **24.3958, -1.3017, 1.3255**.

A 20% lighter version of the original color is **50.6492, 55.7048, 17.1639**, and **19.1743, 33.0020, 11.1082** is the 20% darker color. If you saturate the color by 10%, you get **30.6685, 53.0931, 15.3805**, and if you desaturate by 10%, it is **32.9290, 48.4986, 10.9186**.

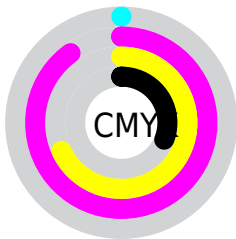
Distribution



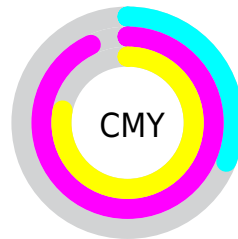
- Red (69%)
- Green (7%)
- Blue (22%)



- Red (69%)
- Yellow (7%)
- Blue (22%)



- Cyan (0%)
- Magenta (90%)
- Yellow (68%)
- Black (31%)



- Cyan (31%)
- Magenta (93%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.4905, 51.5633, 13.2628 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 31.4905, 51.5633, 13.2628 by changing the saturation by 10% instead.

■ 31.4905, 51.5633,
13.2628

■ 31.4905, 51.5633,
13.2628

137.8693, 67.3924,
29.7056

■ 23.1172, 49.4449,
11.0626

■ 50.6355, 55.7349,
17.2796

■ 15.6541, 47.5373,
8.8639

■ 61.2843, 57.6962,
19.1642

■ 9.2287, 46.5065,
6.4601

■ 72.5898, 59.5559,
20.9948

0.0000, INF, NaN

0.0000, INF, NaN

■ 84.5160, 61.3133,
22.7848

0.0000, NaN, NaN

■ 97.0321, 62.9713,
24.5442

0.0000, NaN, NaN

■ 110.1114, 64.5340,

0.0000, NaN, NaN

26.2804

0.0000, NaN, NaN

123.7307, 66.0061,
27.9994

■ 31.4905, 51.5633,
13.2628

■ 31.4905, 51.5633,
13.2628

■ 30.6685, 53.0931,
15.3805

■ 32.9290, 48.4986,
10.9186

■ 35.1052, 43.7537,
8.7228

■ 37.9867, 37.7850,
6.8511

■ 41.4993, 31.0995,
5.3896

■ 45.5556, 24.1015,
4.3501

■ 50.0714, 17.0540,
3.6998

■ 54.9732, 10.1017,
3.3876

■ 60.2007, 3.3102,
3.3603

■ 65.7049, -3.3014,
3.5695

Harmonies

Analogous

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



31.4915, 55.1822, -5.9544



31.4905, 51.5633, 13.2628



31.4915, 31.7050, 20.0050

Triad

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



31.4915, 51.5596, 13.2635



31.4915, -29.1813, 18.4567



31.4915, -8.5800, -74.9062

Complementary

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



31.4905, 51.5633, 13.2628



57.4252, -37.4758, 10.2856

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.



31.4915, -25.1794, -51.5404



31.4905, 51.5633, 13.2628



31.4915, -34.6049, 7.8366

Square

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



31.4915, 51.5596, 13.2635



31.4915, -15.8540, 21.3855



31.4915, -33.3884, -17.1035



31.4915, 15.5462, -68.9435

Rectangle

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



31.4905, 51.5633, 13.2628



31.4915, 14.4251, 21.4502



31.4915, -33.3884, -17.1035



31.4915, -15.0873, -69.8260

Sweetspot

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



31.4915, 51.5596, 13.2635



69.2689, 20.2745, 4.8193



29.6509, 57.8687, -62.8480



31.2564, 10.8935, 2.3333



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



31.4915, 51.5596, 13.2635



41.2657, 71.3670, 21.2517



34.8909, 38.4835, 21.2707



29.2204, 1.2711, 1.6219



26.2852, 45.5347, 12.9501



4.7622, 8.4431, 0.8470

Inverse Universe

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



31.4915, 51.5596, 13.2635



41.2657, 71.3670, 21.2517



45.7539, -14.1056, -25.2793



29.2204, 1.2711, 1.6219



26.2852, 45.5347, 12.9501



4.7622, 8.4431, 0.8470

Previews

White Background



This preview shows how the HunterLab color 31.4905, 51.5633, 13.2628 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



This preview shows how the HunterLab color 31.4905, 51.5633, 13.2628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

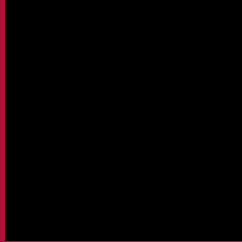
Any Text WCAG AA × Fail

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 31.4905, 51.5633, 13.2628 Background



This preview shows how black text looks on a background with the HunterLab color 31.4905, 51.5633, 13.2628.



This preview shows how white text looks on a background with the HunterLab color 31.4905, 51.5633, 13.2628.

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

31.4905, 51.5633, 13.2628

Protanopia

32.0955, -1.6906, 5.0012

Deuteranopia

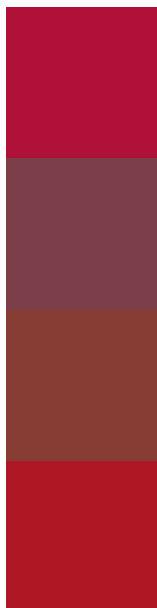
32.0133, 2.0591, 14.5836



Tritanopia

31.5722, 47.9098, 18.5662

Trichromacy



Original Color

31.4905, 51.5633, 13.2628

Protanomaly

28.8464, 19.3949, 5.1589

Deuteranomaly

29.5422, 22.3663, 12.3096

Tritanomaly

31.3913, 49.1473, 17.0511

Monochromacy



Original Color

31.4905, 51.5633, 13.2628

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

24.1651, 18.6539, 3.3161

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.4905, 51.5633, 13.2628 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(176, 17, 56)` looks like.

```
.text, #text, p{  
    color:rgb(176, 17, 56)  
}
```

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(176, 17, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 17, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 31.4905, 51.5633, 13.2628 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(176, 17, 56) }
```


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

```
.border{ border-color:rgb(176, 17, 56) }
```

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

Here you see how a box with a 4 pixel rgb(176, 17, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 17, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 17, 56);  
box-shadow:4px 4px 4px 4px rgb(176, 17,  
56) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.4905, 51.5633, 13.2628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 17, 56) }
```

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

```
.background{ background-color: rgb(176, 17,  
56) }
```

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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