

Converting Colors

HunterLab(31.3792, 54.7650,
12.3143)

Have a look what the booklet for
HunterLab(31.3792, 54.7650,
12.3143) contains.

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Color

**HunterLab(31.2909, 54.6293,
12.1375)**

Conversions

Conversions Part 1

Format	Color
Hex	B2003C
RGB	178, 0, 60
RGB Percent	70%, 0%, 24%
CMY	0.3020, 0.9999, 0.7647
CMYK	0.00, 1.00, 0.66, 0.30
HSL	340°, 100%, 35%
HSV	340°, 100%, 70%
XYZ	19.1757, 9.7912, 5.1542
YIQ	60.0620, 86.8280, 56.3960

Conversions

Conversions Part 2

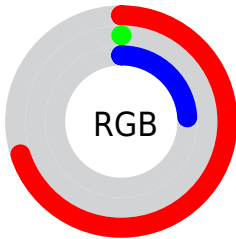
Format	Color
R_{YB}	178, 0, 60
Decimal	11665468
CIE _{Lab}	37.47, 62.80, 19.83
CIE _{LCh}	37, 65.853, 17.529
Yxy	9.7918, 0.5620, 0.2870
Android (android.graphics.Color)	4289855548 (0xFFB2003C)
YUV	60.0620, -0.0306, 103.4316
Hunter-Lab	31.2909, 54.6293, 12.1375

Details

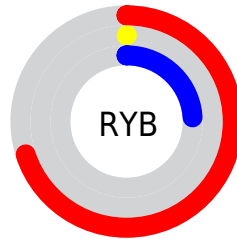
The HunterLab color **31.2909, 54.6293, 12.1375** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **57.5756, -41.2555, 17.0962**, and the grayscale version is **21.2631, -1.1345, 1.1553**.

A 20% lighter version of the original color is **50.3231, 58.9883, 15.6531**, and **19.5676, 33.7505, 10.7816** is the 20% darker color. If you saturate the color by 10%, you get **31.2905, 54.6279, 12.1423**, and if you desaturate by 10%, it is **32.1828, 53.1489, 9.5288**.

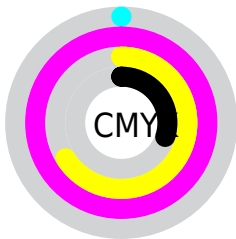
Distribution



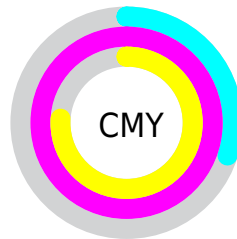
- Red (70%)
- Green (0%)
- Blue (24%)



- Red (70%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (30%)



- Cyan (30%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2909, 54.6293, 12.1375 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 31.2909, 54.6293, 12.1375 by changing the saturation by 10% instead.

31.2909, 54.6293,
12.1375

31.2909, 54.6293,
12.1375

137.5426, 71.2058,
27.1792

22.9372, 52.4845,
10.1683

50.4016, 58.9338,
15.7597

15.4961, 50.6222,
8.0973

61.0350, 60.9779,
17.4718

9.0915, 49.8721,
6.3640

72.3260, 62.9246,
19.1421

0.0000, INF, NaN

0.0000, INF, NaN

84.2385, 64.7709,
20.7822

0.0000, NaN, NaN

96.7415, 66.5185,
22.4004

0.0000, NaN, NaN

109.8082, 68.1706,

0.0000, NaN, NaN

24.0029

0.0000, NaN, NaN

123.4155, 69.7316,
25.5946

■ 31.2909, 54.6293,
12.1375

■ 31.2909, 54.6293,
12.1375

■ 31.2905, 54.6279,
12.1423

■ 32.1828, 53.1489,
9.5288

■ 33.6724, 50.0873,
6.9998

■ 35.8945, 45.2801,
4.8675

■ 38.8157, 39.1873,
3.2694

■ 42.3636, 32.3190,
2.2398

■ 46.4526, 25.0870,
1.7416

■ 51.0000, 17.7641,
1.7044

■ 55.9339, 10.5054,
2.0512

■ 61.1943, 3.3849,
2.7117

Harmonies

Analogous

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



31.2919, 56.3171, -9.1624



31.2909, 54.6293, 12.1375



31.2919, 35.3691, 19.7657

Triad

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



31.2919, 54.6255, 12.1382



31.2919, -28.6624, 19.1024



31.2919, -10.9055, -76.9093

Complementary

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



31.2909, 54.6293, 12.1375



57.5756, -41.2555, 17.0962

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.



31.2919, -26.8534, -50.0131



31.2909, 54.6293, 12.1375



31.2919, -34.8632, 9.6844

Square

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



31.2919, 54.6255, 12.1382



31.2919, -14.2326, 21.6657



31.2919, -34.3180, -14.3426



31.2919, 13.2493, -74.0876

Rectangle

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



31.2909, 54.6293, 12.1375



31.2919, 17.6930, 21.4084



31.2919, -34.3180, -14.3426



31.2919, -17.2358, -70.5234

Sweetspot

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



31.2919, 54.6255, 12.1382



68.3367, 24.4497, 2.2839



26.2834, 57.2338, -77.8148



30.9370, 13.4436, 1.0582



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



31.2919, 54.6255, 12.1382



42.0916, 73.3965, 17.0175



31.9942, 48.5953, 20.5638



29.2420, 1.3874, 1.3135



26.4882, 46.2828, 9.9770



4.8158, 8.6382, 0.0808

Inverse Universe

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



31.2919, 54.6255, 12.1382



42.0916, 73.3965, 17.0175



50.4438, -20.5061, -18.7813



29.2420, 1.3874, 1.3135



26.4882, 46.2828, 9.9770



4.8158, 8.6382, 0.0808

Previews

White Background



This preview shows how the HunterLab color 31.2909, 54.6293, 12.1375 looks on a white background.

Color Contrast Check

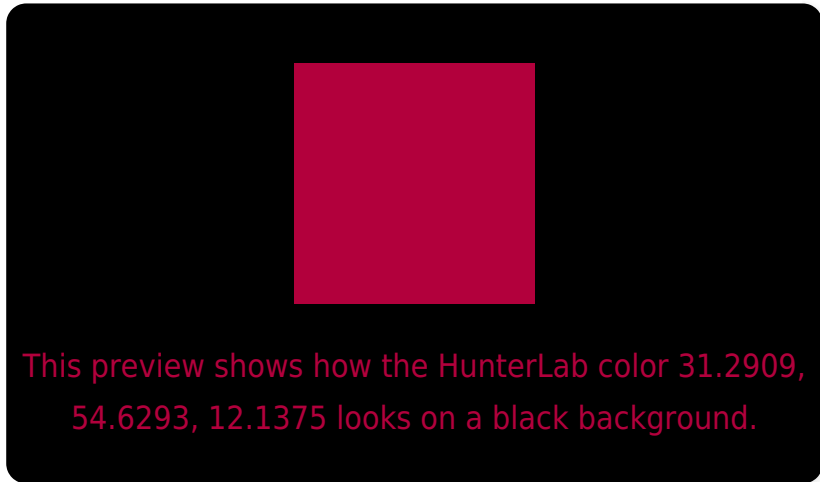
Large Text (above 18pt) WCAG AA ✓ Pass

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

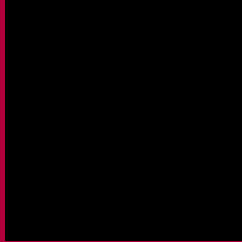
Any Text WCAG AA × Fail

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 31.2909, 54.6293, 12.1375 Background



This preview shows how black text looks on a background with the HunterLab color 31.2909, 54.6293, 12.1375.



This preview shows how white text looks on a background with the HunterLab color 31.2909, 54.6293,

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

31.2909, 54.6293, 12.1375

Protanopia

32.4252, -1.6020, 3.0704

Deuteranopia

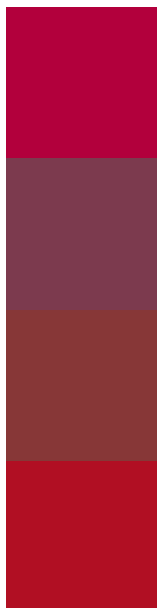
32.3169, 1.9029, 13.9864



Tritanopia

31.7089, 49.1784, 19.0732

Trichromacy



Original Color

31.2909, 54.6293, 12.1375

Protanomaly

28.0379, 22.2395, 2.4245

Deuteranomaly

28.5642, 25.2983, 10.5416

Tritanomaly

31.3211, 51.2224, 17.1866

Monochromacy



Original Color

31.2909, 54.6293, 12.1375

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

21.4384, 21.6175, 1.7658

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2909, 54.6293, 12.1375 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(178, 0, 60)` looks like.

```
.text, #text, p{  
    color:rgb(178, 0, 60)  
}
```

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(178, 0, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 0, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2909, 54.6293, 12.1375 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(178, 0, 60) }
```


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

```
.border{ border-color:rgb(178, 0, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 0, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 0, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 0, 60);  
box-shadow:4px 4px 4px 4px rgb(178, 0, 60)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.2909, 54.6293, 12.1375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 0, 60) }
```

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

```
.background{ background-color: rgb(178, 0,  
60) }
```

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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