

Converting Colors

HunterLab(31.5980, 55.5685,
9.1310)

Have a look what the booklet for
HunterLab(31.5980, 55.5685,
9.1310) contains.

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Color

**HunterLab(31.4959, 55.3820,
9.1553)**

Conversions

Conversions Part 1

Format	Color
Hex	B20047
RGB	178, 0, 71
RGB Percent	70%, 0%, 28%
CMY	0.3020, 0.9999, 0.7216
CMYK	0.00, 1.00, 0.60, 0.30
HSL	336°, 100%, 35%
HSV	336°, 100%, 70%
XYZ	19.4974, 9.9199, 6.8484
YIQ	61.3160, 83.2970, 59.8170

Conversions

Conversions Part 2

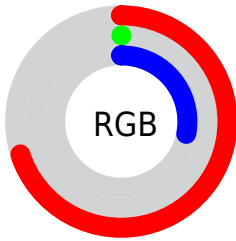
Format	Color
R_{YB}	178, 0, 71
Decimal	11665479
CIE _{Lab}	37.70, 63.42, 13.05
CIE _{LCh}	38, 64.749, 11.625
Yxy	9.9205, 0.5376, 0.2735
Android (android.graphics.Color)	4289855559 (0xFFB20047)
YUV	61.3160, 4.7742, 102.3319
Hunter-Lab	31.4959, 55.3820, 9.1553

Details

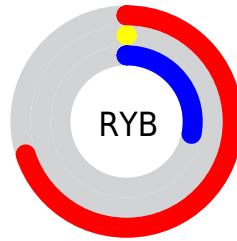
The HunterLab color **31.4959, 55.3820, 9.1553** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **57.3611, -42.5757, 20.2141**, and the grayscale version is **21.6809, -1.1568, 1.1780**.

A 20% lighter version of the original color is **50.7366, 59.7037, 11.9139**, and **19.8501, 34.4408, 9.3625** is the 20% darker color. If you saturate the color by 10%, you get **31.4954, 55.3806, 9.1606**, and if you desaturate by 10%, it is **32.3987, 53.9617, 6.4088**.

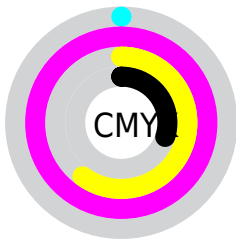
Distribution



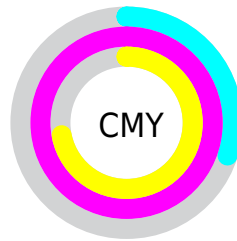
- Red (70%)
- Green (0%)
- Blue (28%)



- Red (70%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (60%)
- Black (30%)



- Cyan (30%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.4959, 55.3820, 9.1553 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 31.4959, 55.3820, 9.1553 by changing the saturation by 10% instead.

■ 31.4959, 55.3820,
9.1553

■ 31.4959, 55.3820,
9.1553

137.8782, 72.1000,
20.8395

■ 23.1221, 53.2295,
7.7478

■ 50.6418, 59.7119,
11.8284

■ 15.6584, 51.3651,
6.2473

■ 61.2910, 61.7713,
13.1271

■ 9.2324, 50.5742,
6.3604

■ 72.5969, 63.7341,
14.4142

0.0000, INF, NaN

0.0000, INF, NaN

■ 84.5235, 65.5971,
15.6959

0.0000, NaN, NaN

■ 97.0399, 67.3615,
16.9764

0.0000, NaN, NaN

■ 110.1196, 69.0307,

0.0000, NaN, NaN

18.2590

0.0000, NaN, NaN

123.7392, 70.6087,
19.5460

■ 31.4959, 55.3820,
9.1553

■ 31.4959, 55.3820,
9.1553

■ 31.4954, 55.3806,
9.1606

■ 32.3987, 53.9617,
6.4088

■ 33.8884, 50.9357,
3.8964

■ 36.0998, 46.1328,
1.9313

■ 39.0016, 40.0061,
0.6195

■ 42.5240, 33.0646,
-0.0411

■ 46.5835, 25.7245,
-0.1183

■ 51.0992, 18.2662,
0.2951

■ 56.0003, 10.8521,
1.1075

■ 61.2276, 3.5625,
2.2396

Harmonies

Analogous

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



31.4969, 53.1748, -14.9164



31.4959, 55.3820, 9.1553



31.4969, 39.3386, 18.9261

Triad

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



31.4969, 55.3783, 9.1561



31.4969, -26.2785, 19.8378



31.4969, -14.6093, -71.5846

Complementary

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



31.4959, 55.3820, 9.1553



57.3611, -42.5757, 20.2141

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.



31.4969, -28.6835, -41.8247



31.4959, 55.3820, 9.1553



31.4969, -33.9426, 12.4157

Square

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



31.4969, 55.3783, 9.1561



31.4969, -10.2189, 21.8402



31.4969, -34.6715, -8.1499



31.4969, 7.8731, -75.2294

Rectangle

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



31.4959, 55.3820, 9.1553



31.4969, 22.5892, 20.9911



31.4969, -34.6715, -8.1499



31.4969, -20.2870, -63.6536

Sweetspot

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



31.4969, 55.3783, 9.1561



68.4724, 25.1367, 0.3528



25.1578, 55.8530, -82.7835



31.0094, 13.8042, 0.0288



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.



31.4969, 55.3783, 9.1561



42.3631, 74.3942, 13.0628



31.4516, 50.3725, 20.2605



29.2567, 1.4665, 1.1041



26.6634, 46.9260, 7.4302



4.8515, 8.7676, -0.4257

Inverse Universe

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



31.4969, 55.3783, 9.1561



42.3631, 74.3942, 13.0628



53.3165, -24.1952, -14.4085



29.2567, 1.4665, 1.1041



26.6634, 46.9260, 7.4302



4.8515, 8.7676, -0.4257

Previews

White Background



This preview shows how the HunterLab color 31.4959, 55.3820, 9.1553 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 31.4959, 55.3820, 9.1553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

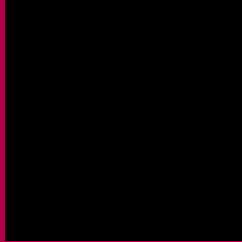
Any Text WCAG AA × Fail

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 31.4959, 55.3820, 9.1553 Background



This preview shows how black text looks on a background with the HunterLab color 31.4959, 55.3820, 9.1553.



This preview shows how white text looks on a background with the HunterLab color 31.4959, 55.3820,

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

31.4959, 55.3820, 9.1553

Protanopia

32.6425, 0.0538, -3.6731

Deuteranopia

32.5416, 1.7098, 11.5138



Tritanopia

31.8430, 48.0776, 18.5325

Trichromacy



Original Color

31.4959, 55.3820, 9.1553

Protanomaly

28.1716, 23.3810, -3.5410

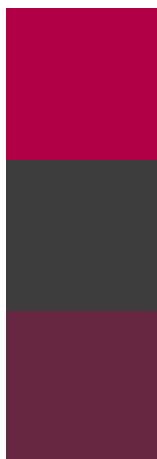
Deuteranomaly

28.7924, 25.4280, 7.5731

Tritanomaly

31.5502, 51.0595, 16.0400

Monochromacy



Original Color

31.4959, 55.3820, 9.1553

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

21.8535, 22.1065, 0.2849

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.4959, 55.3820, 9.1553 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, 71)` looks like.

```
.text, #text, p{  
    color:rgb(178, 0, 71)  
}
```

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, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 0, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 31.4959, 55.3820, 9.1553 is called "border". The border property can be set on classes, ids or directly on the HTML element.

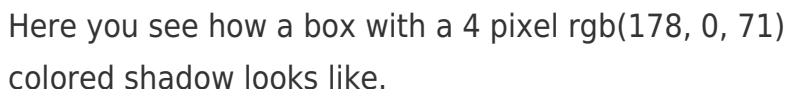
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 0, 71) }
```


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

```
.border{ border-color:rgb(178, 0, 71) }
```

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, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 0, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 0, 71);  
box-shadow:4px 4px 4px 4px rgb(178, 0, 71)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.4959, 55.3820, 9.1553 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, 71) }
```

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

```
.background{ background-color: rgb(178, 0,  
71) }
```

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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