

Converting Colors

HunterLab(31.0005, 62.2449,
-50.9403)

Have a look what the booklet for
HunterLab(31.0005, 62.2449,
-50.9403) contains.

HunterLab(30.9830, 62.1839, -50.7117)	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(30.9830, 62.1839,
-50.7117)**

Conversions

Conversions Part 1

Format	Color
Hex	9900A8
RGB	153, 0, 168
RGB Percent	60%, 0%, 66%
CMY	0.4000, 1.0000, 0.3412
CMYK	0.09, 1.00, 0.00, 0.34
HSL	295°, 100%, 33%
HSV	295°, 100%, 66%
XYZ	20.2048, 9.5995, 37.8337
YIQ	64.8990, 37.2600, 84.6840

Conversions

Conversions Part 2

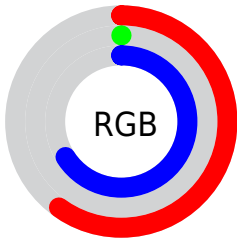
Format	Color
RYB	153, 0, 168
Decimal	10027176
CIELab	37.11, 69.47, -49.03
CIElCh	37, 85.026, 324.786
Yxy	9.5999, 0.2987, 0.1419
Android (android.graphics.Color)	4288217256 (0xFF9900A8)
YUV	64.8990, 50.8288, 77.2646
Hunter-Lab	30.9830, 62.1839, -50.7117

Details

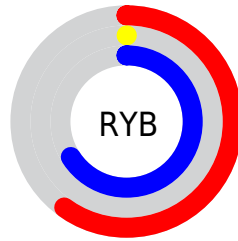
The HunterLab color **30.9830, 62.1839, -50.7117** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **53.0161, -44.9683, 31.8806**, and the grayscale version is **22.7779, -1.2154, 1.2376**.

A 20% lighter version of the original color is **49.9680, 66.8329, -51.7173**, and **19.4401, 39.6589, -36.7947** is the 20% darker color. If you saturate the color by 10%, you get **30.9831, 62.1840, -50.7118**, and if you desaturate by 10%, it is **31.8459, 60.2258, -48.2937**.

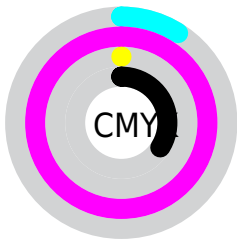
Distribution



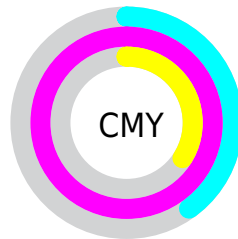
- Red (60%)
- Green (0%)
- Blue (66%)



- Red (60%)
- Yellow (0%)
- Blue (66%)



- Cyan (9%)
- Magenta (100%)
- Yellow (0%)
- Black (34%)



- Cyan (40%)
- Magenta (100%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.9830, 62.1839, -50.7117 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 30.9830, 62.1839, -50.7117 by changing the saturation by 10% instead.

30.9830, 62.1839,
-50.7117

30.9830, 62.1839,
-50.7117

137.0372, 80.4027,
-56.4485

22.6594, 60.0236,
-50.9998

50.0401, 66.7521,
-51.5300

15.2525, 58.3383,
-52.5560

60.6497, 68.9743,
-52.2050

8.8748, 58.4170,
-57.6334

71.9183, 71.1126,
-52.9355

0.0000, INF, -NF

0.0000, NaN, -NF

83.8094, 73.1577,
-53.6806

0.0000, NaN, NaN

96.2921, 75.1074,
-54.4160

0.0000, NaN, NaN

109.3395, 76.9629,

0.0000, NaN, NaN

-55.1276

122.9281, 78.7268,
-55.8068

■ 30.9830, 62.1839,
-50.7117

■ 30.9830, 62.1839,
-50.7117

■ 30.9831, 62.1840,
-50.7118

■ 31.8459, 60.2258,
-48.2937

■ 33.1923, 56.6723,
-44.7286

■ 35.1603, 51.3201,
-39.9057

■ 37.7331, 44.5971,
-34.1785

■ 40.8597, 36.9981,
-27.9307

■ 44.4744, 28.9462,
-21.4752

■ 48.5104, 20.7414,
-15.0230

■ 52.9067, 12.5683,
-8.6947

■ 57.6110, 4.5254,
-2.5468

Harmonies

Analogous

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



30.9837, 26.9196, -103.5131



30.9830, 62.1839, -50.7117



30.9837, 80.9020, -3.8160

Triad

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



30.9837, 62.1826, -50.7100



30.9837, 3.8494, 21.6886



30.9837, -38.9140, -31.9413

Complementary

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



30.9830, 62.1839, -50.7117



53.0161, -44.9683, 31.8806

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.



30.9837, -41.0681, 6.3346



30.9830, 62.1839, -50.7117



30.9837, -22.5837, 21.6886

Square

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



30.9837, 62.1826, -50.7100



30.9837, 39.8663, 21.6886



30.9837, -36.4545, 19.6825



30.9837, -28.7109, -87.0914

Rectangle

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



30.9830, 62.1839, -50.7117



30.9837, 77.7425, 12.8021



30.9837, -36.4545, 19.6825



30.9837, -40.3826, -16.1673

Sweetspot

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



30.9837, 62.1826, -50.7100



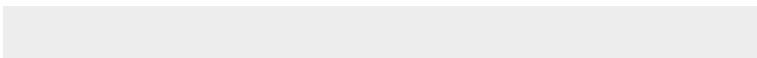
65.0307, 28.5579, -20.7190



17.9508, 40.8341, -110.5835



29.3128, 15.4154, -11.3040



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



30.9837, 62.1826, -50.7100



41.6786, 83.6847, -68.4839



30.4317, 55.1879, -4.1718



27.6262, 1.8897, -1.0108



26.9454, 54.0679, -44.0063



4.3150, 8.5933, -6.5432

Inverse Universe

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



28.9131, 49.6315, 17.7574



38.9303, 66.7952, 24.1797



53.3040, -42.9770, 26.1504



27.4823, 0.9912, 2.0088



25.1320, 43.1570, 15.3270



3.9616, 6.8852, 1.7789

Previews

White Background



This preview shows how the HunterLab color 30.9830, 62.1839, -50.7117 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 30.9830, 62.1839, -50.7117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

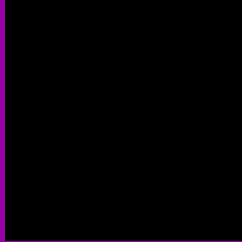
Any Text WCAG AA × Fail

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 30.9830, 62.1839, -50.7117 Background



This preview shows how black text looks on a background with the HunterLab color 30.9830, 62.1839, -50.7117.



This preview shows how white text looks on a background with the HunterLab color 30.9830, 62.1839, -50.7117.

-50.7117.

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

30.9830, 62.1839, -50.7117

Protanopia

31.9926, 10.7172, -63.1233

Deuteranopia

32.0279, 2.5167, -40.1026



Tritanopia

31.6249, 23.8921, 9.0422

Trichromacy



Original Color

30.9830, 62.1839, -50.7117

Protanomaly

26.0528, 29.9996, -79.2752

Deuteranomaly

26.7792, 26.5592, -58.7148

Tritanomaly

29.5233, 39.6692, -8.4971

Monochromacy



Original Color

30.9830, 62.1839, -50.7117

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

22.5534, 24.8053, -18.7143

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.9830, 62.1839, -50.7117 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(153, 0, 168)` looks like.

```
.text, #text, p{  
    color:rgb(153, 0, 168)  
}
```

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(153, 0, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 0, 168) }
```

Border

The CSS property to change the border of an element to HunterLab 30.9830, 62.1839, -50.7117 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(153, 0, 168) }
```


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

```
.border{ border-color:rgb(153, 0, 168) }
```

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

Here you see how a box with a 4 pixel rgb(153, 0, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 0, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 0, 168);  
box-shadow:4px 4px 4px 4px rgb(153, 0,  
168) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.9830, 62.1839, -50.7117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 0, 168) }
```

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

```
.background{ background-color: rgb(153, 0,  
168) }
```

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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