

Converting Colors

HunterLab(31.8990, 62.0505,
-36.9259)

Have a look what the booklet for
HunterLab(31.8990, 62.0505,
-36.9259) contains.

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Color

**HunterLab(31.8639, 61.9948,
-36.9820)**

Conversions

Conversions Part 1

Format	Color
Hex	A3009B
RGB	163, 0, 155
RGB Percent	64%, 0%, 61%
CMY	0.3608, 0.9999, 0.3922
CMYK	0.00, 1.00, 0.05, 0.36
HSL	303°, 100%, 32%
HSV	303°, 100%, 64%
XYZ	21.0206, 10.1531, 31.8621
YIQ	66.4070, 47.3930, 82.7610

Conversions

Conversions Part 2

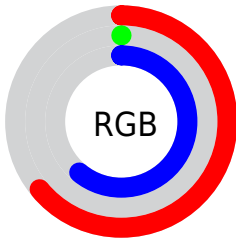
Format	Color
R_{YB}	163, 0, 155
Decimal	10682523
CIE _{Lab}	38.12, 69.11, -39.48
CIE _{LCh}	38, 79.591, 330.265
Yxy	10.1536, 0.3335, 0.1611
Android (android.graphics.Color)	4288872603 (0xFFA3009B)
YUV	66.4070, 43.6763, 84.7121
Hunter-Lab	31.8639, 61.9948, -36.9820

Details

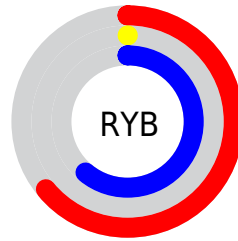
The HunterLab color **31.8639, 61.9948, -36.9820** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **51.1980, -43.7792, 30.5149**, and the grayscale version is **23.3272, -1.2447, 1.2674**.

A 20% lighter version of the original color is **51.2029, 66.4844, -37.8881**, and **20.1083, 39.3059, -24.7567** is the 20% darker color. If you saturate the color by 10%, you get **31.8640, 61.9949, -36.9812**, and if you desaturate by 10%, it is **32.4965, 60.0109, -36.1488**.

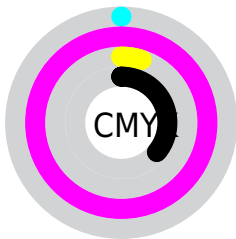
Distribution



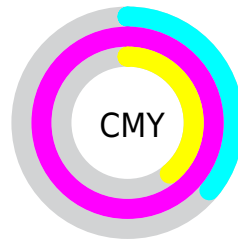
- Red (64%)
- Green (0%)
- Blue (61%)



- Red (64%)
- Yellow (0%)
- Blue (61%)



- Cyan (0%)
- Magenta (100%)
- Yellow (5%)
- Black (36%)



- Cyan (36%)
- Magenta (100%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.8639, 61.9948, -36.9820 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 31.8639, 61.9948, -36.9820 by changing the saturation by 10% instead.

31.8639, 61.9948,
-36.9820

31.8639, 61.9948,
-36.9820

138.4791, 80.0669,
-42.1988

23.4540, 59.8113,
-36.6495

51.0724, 66.5492,
-38.1877

15.9501, 58.0407,
-36.8885

61.7499, 68.7549,
-38.8558

9.4796, 57.6243,
-38.6991

73.0824, 70.8745,
-39.5109

0.0000, INF, -NF

0.0000, NaN, -NF

85.0341, 72.9000,
-40.1355

0.0000, NaN, NaN

97.5745, 74.8298,
-40.7203

0.0000, NaN, NaN

110.6772, 76.6655,

0.0000, NaN, NaN

-41.2603

124.3189, 78.4100,
-41.7534

■ 31.8639, 61.9948,
-36.9820

■ 31.8639, 61.9948,
-36.9820

■ 31.8640, 61.9949,
-36.9812

■ 32.4965, 60.0109,
-36.1488

■ 33.5767, 56.5463,
-34.3313

■ 35.2483, 51.3428,
-31.3387

■ 37.5071, 44.7554,
-27.3825

■ 40.3137, 37.2388,
-22.7483

■ 43.6108, 29.2109,
-17.7066

■ 47.3361, 20.9862,
-12.4670

■ 51.4303, 12.7695,
-7.1708

■ 55.8411, 4.6766,
-1.9025

Harmonies

Analogous

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



31.8647, 31.2597, -85.4578



31.8639, 61.9948, -36.9820



31.8647, 74.6650, 1.9768

Triad

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



31.8647, 61.9929, -36.9804



31.8647, -1.9573, 22.3053



31.8647, -36.7961, -37.8380

Complementary

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



31.8639, 61.9948, -36.9820



51.1980, -43.7792, 30.5149

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.



31.8647, -40.3058, 1.4902



31.8639, 61.9948, -36.9820



31.8647, -25.0710, 22.3053

Square

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



31.8647, 61.9929, -36.9804



31.8647, 30.6527, 22.3053



31.8647, -36.9230, 18.3555



31.8647, -24.7663, -86.1933

Rectangle

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



31.8639, 61.9948, -36.9820



31.8647, 68.6010, 15.1111



31.8647, -36.9230, 18.3555



31.8647, -38.7712, -22.4161

Sweetspot

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



31.8647, 61.9929, -36.9804



63.0507, 28.7105, -17.0849



16.3705, 44.1819, -114.6361



28.9077, 15.7050, -9.4379



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



31.8647, 61.9929, -36.9804



42.6314, 82.9280, -49.3533



28.8268, 51.1773, 4.5672



26.8256, 1.9576, -0.7282



28.0941, 54.6656, -32.6480



4.0932, 7.9965, -5.0037

Inverse Universe

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



31.8647, 61.9929, -36.9804



42.6314, 82.9280, -49.3533



51.8479, -39.7274, 20.9561



26.8256, 1.9576, -0.7282



28.0941, 54.6656, -32.6480



4.0932, 7.9965, -5.0037

Previews

White Background



This preview shows how the HunterLab color 31.8639, 61.9948, -36.9820 looks on a white background.

Color Contrast Check

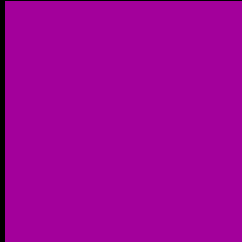
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 31.8639, 61.9948, -36.9820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

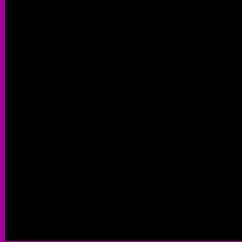
Any Text WCAG AA × Fail

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 31.8639, 61.9948, -36.9820 Background



This preview shows how black text looks on a background with the HunterLab color 31.8639, 61.9948, -36.9820.



This preview shows how white text looks on a background with the HunterLab color 31.8639, 61.9948, -36.9820.

-36.9820.

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

31.8639, 61.9948, -36.9820

Protanopia

32.8921, 11.6728, -66.3105

Deuteranopia

32.8426, 2.6657, -28.8088



Tritanopia

32.5410, 30.5414, 11.4744

Trichromacy



Original Color

31.8639, 61.9948, -36.9820



Protanomaly

26.5149, 29.0155, -76.1643



Deuteranomaly

28.1966, 27.4730, -41.9330



Tritanomaly

30.8237, 43.5488, -2.4710

Monochromacy



Original Color

31.8639, 61.9948, -36.9820



Achromatopsia

23.3410, -1.2454, 1.2682



Achromatomaly

23.0314, 24.7926, -15.1209

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.8639, 61.9948, -36.9820 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(163, 0, 155)` looks like.

```
.text, #text, p{  
  color:rgb(163, 0, 155)  
}
```

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(163, 0, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 0, 155) }
```

Border

The CSS property to change the border of an element to HunterLab 31.8639, 61.9948, -36.9820 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(163, 0, 155) }
```


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

```
.border{ border-color:rgb(163, 0, 155) }
```

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

Here you see how a box with a 4 pixel rgb(163, 0, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 0, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 0, 155);  
box-shadow:4px 4px 4px 4px rgb(163, 0,  
155) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.8639, 61.9948, -36.9820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 0, 155) }
```

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

```
.background{ background-color: rgb(163, 0,  
155) }
```

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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