

Converting Colors

HunterLab(21.2115, 37.3146,
3.9686)

Have a look what the booklet for
HunterLab(21.2115, 37.3146,
3.9686) contains.

HunterLab(21.2109, 37.3169, 3.9678)	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(21.2109, 37.3169,
3.9678)**

Conversions

Conversions Part 1

Format	Color
Hex	7B0136
RGB	123, 1, 54
RGB Percent	48%, 0%, 21%
CMY	0.5176, 0.9960, 0.7882
CMYK	0.00, 0.99, 0.56, 0.52
HSL	334°, 98%, 24%
HSV	334°, 99%, 48%
XYZ	8.8451, 4.4990, 3.8922
YIQ	43.5200, 55.6990, 42.3470

Conversions

Conversions Part 2

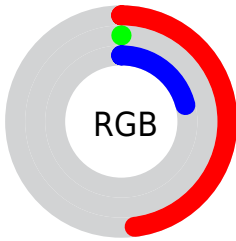
Format	Color
R_{YB}	123, 1, 54
Decimal	8061238
CIE Lab	25.26, 48.75, 5.25
CIE LCh	25, 49.029, 6.147
Yxy	4.4993, 0.5132, 0.2610
Android (android.graphics.Color)	4286251318 (0xFF7B0136)
YUV	43.5200, 5.1666, 69.7040
Hunter-Lab	21.2109, 37.3169, 3.9678

Details

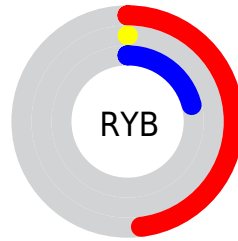
The HunterLab color **21.2109, 37.3169, 3.9678** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **38.2293, -28.6067, 14.0661**, and the grayscale version is **15.6861, -0.8370, 0.8523**.

A 20% lighter version of the original color is **38.2593, 40.9592, 5.6083**, and **11.1744, 19.3130, 5.8524** is the 20% darker color. If you saturate the color by 10%, you get **21.1470, 37.4490, 4.0979**, and if you desaturate by 10%, it is **22.0076, 35.7617, 2.3092**.

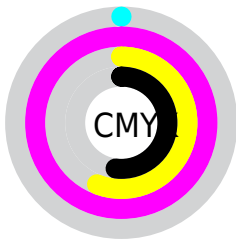
Distribution



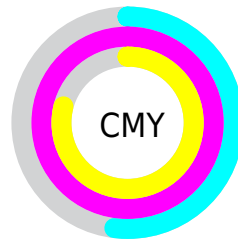
- Red (48%)
- Green (0%)
- Blue (21%)



- Red (48%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (99%)
- Yellow (56%)
- Black (52%)



- Cyan (52%)
- Magenta (100%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2109, 37.3169, 3.9678 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 21.2109, 37.3169, 3.9678 by changing the saturation by 10% instead.

21.2109, 37.3169,
3.9678

21.2109, 37.3169,
3.9678

120.3651, 51.0352,
11.8355

13.9878, 35.4559,
3.1518

38.3756, 41.0780,
5.6029

7.6294, 35.8590,
3.2679

48.1462, 42.8203,
6.4376

0.0000, INF, NaN

0.0000, NaN, NaN

58.6288, 44.4492,
7.2890

0.0000, NaN, NaN

69.7779, 45.9664,
8.1588

0.0000, NaN, NaN

81.5560, 47.3773,
9.0480

0.0000, NaN, NaN


0.0000, NaN, NaN


93.9310, 48.6882,


9.9570


0.0000, NaN, NaN


 106.8754, 49.9055,
10.8861


 21.2109, 37.3169,
3.9678


 21.2109, 37.3169,
3.9678


 21.1470, 37.4490,
4.0979

 22.0076, 35.7617,
2.3092

 23.1280, 33.3869,
0.8511

 24.6939, 29.9695,
-0.1865

 26.6778, 25.8079,
-0.7749

 29.0344, 21.2014,
-0.9421

■ 31.7138, 16.3841,
-0.7448

■ 34.6684, 11.5108,
-0.2470

■ 37.8570, 6.6713,
0.4927

■ 41.2450, 1.9103,
1.4255

Harmonies

Analogous

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



21.2115, 33.5312, -13.7835



21.2109, 37.3169, 3.9678



21.2115, 28.6506, 11.9863

Triad

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



21.2115, 37.3145, 3.9684



21.2115, -15.9898, 14.0749



21.2115, -11.8775, -44.4966

Complementary

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



21.2109, 37.3169, 3.9678



38.2293, -28.6067, 14.0661

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.



21.2115, -20.2145, -23.2579



21.2109, 37.3169, 3.9678



21.2115, -22.0684, 9.7098

Square

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



21.2115, 37.3145, 3.9684



21.2115, -4.2271, 14.8481



21.2115, -23.3560, -2.1068



21.2115, 2.1495, -50.6965

Rectangle

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



21.2109, 37.3169, 3.9678



21.2115, 18.1250, 14.2950



21.2115, -23.3560, -2.1068



21.2115, -15.2977, -38.3881

Sweetspot

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



21.2115, 37.3145, 3.9684



45.7537, 16.4209, -0.4577



16.3854, 36.4429, -57.0714



21.5255, 9.0726, -0.3455



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



21.2115, 37.3145, 3.9684



28.2492, 49.9332, 6.1959



20.8987, 33.9016, 13.3887



20.1029, 0.9043, 0.6997



21.5061, 38.0803, 4.2037



46.7952, 82.5279, 11.7133

Inverse Universe

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



21.2115, 37.3145, 3.9684



28.2492, 49.9332, 6.1959



37.5979, -18.6168, -6.7085



20.1029, 0.9043, 0.6997



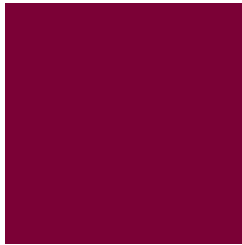
21.5061, 38.0803, 4.2037



46.7952, 82.5279, 11.7133

Previews

White Background



This preview shows how the HunterLab color 21.2109, 37.3169, 3.9678 looks on a white background.

Color Contrast Check

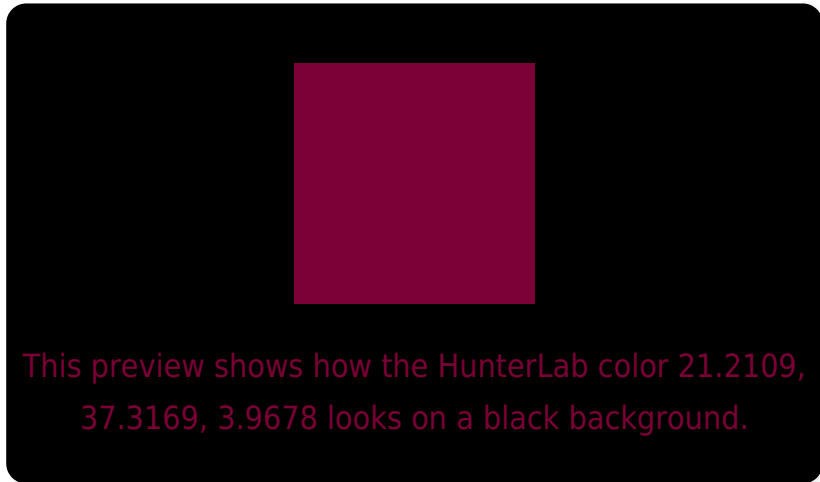
Large Text (above 18pt) WCAG AA ✓ Pass

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

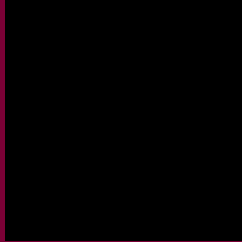
Any Text WCAG AA × Fail

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 21.2109, 37.3169, 3.9678 Background



This preview shows how black text looks on a background with the HunterLab color 21.2109, 37.3169, 3.9678.



This preview shows how white text looks on a background with the HunterLab color 21.2109, 37.3169,

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

21.2109, 37.3169, 3.9678

Protanopia

22.5072, 0.3944, -5.1114

Deuteranopia

22.4835, 1.3401, 6.2152



Tritanopia

21.8301, 30.8772, 12.0653

Trichromacy



Original Color

21.2109, 37.3169, 3.9678

Protanomaly

19.4583, 15.4870, -4.8942

Deuteranomaly

19.9132, 16.5749, 3.2354

Tritanomaly

21.3576, 33.3102, 9.7493

Monochromacy



Original Color

21.2109, 37.3169, 3.9678

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

15.6856, 14.6149, -0.6485

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2109, 37.3169, 3.9678 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(123, 1, 54)` looks like.

```
.text, #text, p{  
    color:rgb(123, 1, 54)  
}
```

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(123, 1, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 1, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2109, 37.3169, 3.9678 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(123, 1, 54) }
```


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

```
.border{ border-color:rgb(123, 1, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 1, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 1, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 1, 54);  
box-shadow:4px 4px 4px 4px rgb(123, 1, 54)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.2109, 37.3169, 3.9678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 1, 54) }
```

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

```
.background{ background-color: rgb(123, 1,  
54) }
```

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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