

Converting Colors

HunterLab(21.8297, 39.5199,
-4.9378)

Have a look what the booklet for
HunterLab(21.8297, 39.5199,
-4.9378) contains.

HunterLab(21.8369, 39.5945, -4.9145)	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(21.8369, 39.5945,
-4.9145)**

Conversions

Conversions Part 1

Format	Color
Hex	7B014D
RGB	123, 1, 77
RGB Percent	48%, 0%, 30%
CMY	0.5176, 0.9960, 0.6980
CMYK	0.00, 0.99, 0.37, 0.52
HSL	323°, 98%, 24%
HSV	323°, 99%, 48%
XYZ	9.5188, 4.7685, 7.4399
YIQ	46.1420, 48.3160, 49.5000

Conversions

Conversions Part 2

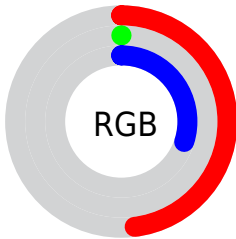
Format	Color
R_{YB}	123, 1, 77
Decimal	8061261
CIE _{Lab}	26.07, 50.88, -9.24
CIE _{LCh}	26, 51.710, 349.709
Yxy	4.7688, 0.4381, 0.2195
Android (android.graphics.Color)	4286251341 (0xFF7B014D)
YUV	46.1420, 15.2130, 67.4045
Hunter-Lab	21.8369, 39.5945, -4.9145

Details

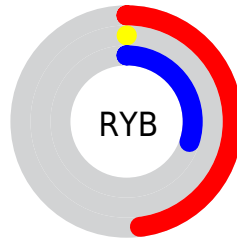
The HunterLab color **21.8369, 39.5945, -4.9145** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **37.9181, -30.5373, 18.6232**, and the grayscale version is **16.5183, -0.8814, 0.8975**.

A 20% lighter version of the original color is **39.0183, 43.4495, -5.1901**, and **11.7261, 21.0177, 0.3184** is the 20% darker color. If you saturate the color by 10%, you get **21.7748, 39.7260, -4.8131**, and if you desaturate by 10%, it is **22.6066, 38.0209, -6.1516**.

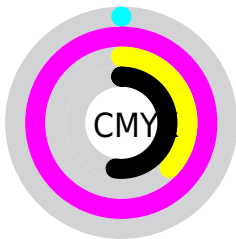
Distribution



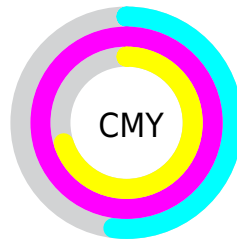
- Red (48%)
- Green (0%)
- Blue (30%)



- Red (48%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (99%)
- Yellow (37%)
- Black (52%)



- Cyan (52%)
- Magenta (100%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.8369, 39.5945, -4.9145 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 21.8369, 39.5945, -4.9145 by changing the saturation by 10% instead.

21.8369, 39.5945,
-4.9145

21.8369, 39.5945,
-4.9145

121.4780, 53.8601,
-3.3253

14.5335, 37.7077,
-4.7420

39.1372, 43.4554,
-4.9944

8.1945, 37.1945,
-4.6732

48.9671, 45.2581,
-4.9229

0.0000, INF, -NF

59.5051, 46.9503,
-4.7873

0.0000, NaN, NaN

70.7064, 48.5323,
-4.5937

0.0000, NaN, NaN

82.5338, 50.0083,
-4.3470

0.0000, NaN, NaN

94.9558, 51.3843,

0.0000, NaN, NaN

-4.0512

0.0000, NaN, NaN

107.9451, 52.6663,
-3.7096

21.8369, 39.5945,
-4.9145

21.8369, 39.5945,
-4.9145

21.7748, 39.7260,
-4.8131

22.6066, 38.0209,
-6.1516

23.6835, 35.5824,
-6.9705

25.1902, 32.0456,
-7.1673

27.1048, 27.7005,
-6.7847

29.3871, 22.8498,
-5.9145

■ 31.9908, 17.7399,
-4.6608

■ 34.8709, 12.5407,
-3.1176

■ 37.9873, 7.3554,
-1.3599

■ 41.3059, 2.2390,
0.5558

Harmonies

Analogous

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



21.8375, 28.6533, -28.6835



21.8369, 39.5945, -4.9145



21.8375, 37.4043, 9.1086

Triad

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



21.8375, 39.5924, -4.9137



21.8375, -10.8611, 15.2863



21.8375, -18.1169, -36.5877

Complementary

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



21.8369, 39.5945, -4.9145



37.9181, -30.5373, 18.6232

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.



21.8375, -23.7129, -11.6215



21.8369, 39.5945, -4.9145



21.8375, -20.4666, 13.1032

Square

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



21.8375, 39.5924, -4.9137



21.8375, 4.7901, 15.2863



21.8375, -24.4219, 5.9187



21.8375, -6.5457, -54.1599

Rectangle

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



21.8369, 39.5945, -4.9145



21.8375, 28.9608, 13.0267



21.8375, -24.4219, 5.9187



21.8375, -20.5932, -28.1840

Sweetspot

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



21.8375, 39.5924, -4.9137



46.0403, 17.8688, -4.5153



14.2369, 34.0289, -68.6705



21.6814, 9.8501, -2.5505



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.



21.8375, 39.5924, -4.9137



29.0899, 52.9850, -5.7574



20.6744, 35.3322, 11.8043



20.1323, 1.0622, 0.2816



22.1447, 40.3965, -4.8613



48.1898, 87.5960, -8.1583

Inverse Universe

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



21.8375, 39.5924, -4.9137



29.0899, 52.9850, -5.7574



39.0237, -23.7594, 2.6073



20.1323, 1.0622, 0.2816



22.1447, 40.3965, -4.8613



48.1898, 87.5960, -8.1583

Previews

White Background



This preview shows how the HunterLab color 21.8369, 39.5945, -4.9145 looks on a white background.

Color Contrast Check

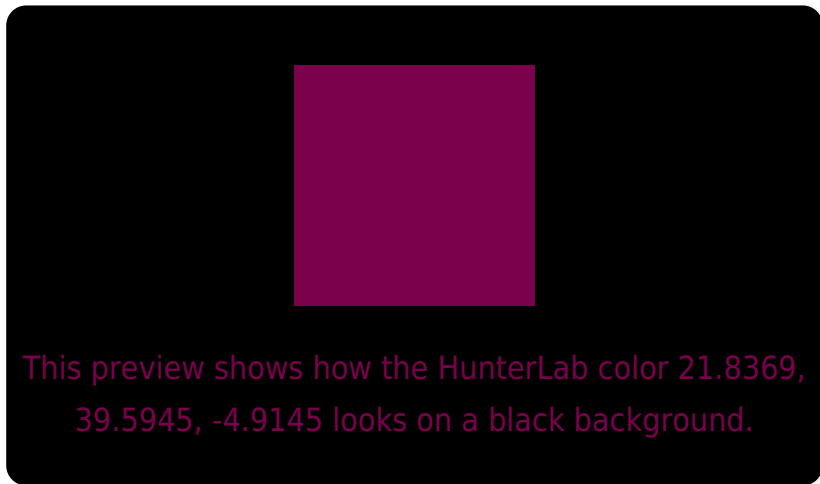
Large Text (above 18pt) WCAG AA ✓ Pass

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

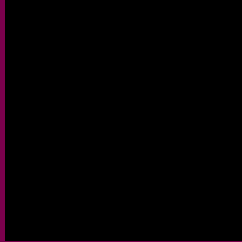
Any Text WCAG AA × Fail

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 21.8369, 39.5945, -4.9145 Background



This preview shows how black text looks on a background with the HunterLab color 21.8369, 39.5945, -4.9145.



This preview shows how white text looks on a background with the HunterLab color 21.8369, 39.5945,

-4.9145.

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

21.8369, 39.5945, -4.9145

Protanopia

23.1806, 3.9004, -23.3793

Deuteranopia

22.9959, 1.6847, -1.6078



Tritanopia

22.4066, 28.1630, 10.8697

Trichromacy



Original Color

21.8369, 39.5945, -4.9145

Protanomaly

19.8080, 17.7973, -22.0705

Deuteranomaly

20.3368, 18.0801, -6.0397

Tritanomaly

21.7809, 32.7847, 6.3834

Monochromacy



Original Color

21.8369, 39.5945, -4.9145

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.3701, 15.2610, -3.6654

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.8369, 39.5945, -4.9145 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, 77)` looks like.

```
.text, #text, p{  
    color:rgb(123, 1, 77)  
}
```

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, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 1, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 21.8369, 39.5945, -4.9145 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, 77) }
```


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

```
.border{ border-color:rgb(123, 1, 77) }
```

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, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 1, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 1, 77);  
box-shadow:4px 4px 4px 4px rgb(123, 1, 77)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.8369, 39.5945, -4.9145 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, 77) }
```

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

```
.background{ background-color: rgb(123, 1,  
77) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor