

Converting Colors

HunterLab(21.8948, 39.1311,
1.4692)

Have a look what the booklet for
HunterLab(21.8948, 39.1311,
1.4692) contains.

HunterLab(21.8963, 39.1371, 1.4440)	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(21.8963, 39.1371,
1.4440)**

Conversions

Conversions Part 1

Format	Color
Hex	7E003F
RGB	126, 0, 63
RGB Percent	49%, 0%, 25%
CMY	0.5059, 0.9999, 0.7529
CMYK	0.00, 1.00, 0.50, 0.51
HSL	330°, 100%, 25%
HSV	330°, 100%, 49%
XYZ	9.5014, 4.7945, 5.1273
YIQ	44.8560, 54.8730, 46.3050

Conversions

Conversions Part 2

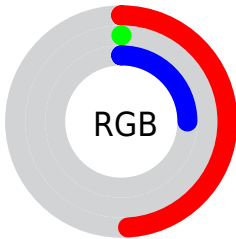
Format	Color
R_{YB}	126, 0, 63
Decimal	8257599
CIE _{Lab}	26.14, 50.41, 0.44
CIE _{LCh}	26, 50.409, 0.495
Yxy	4.7948, 0.4892, 0.2469
Android (android.graphics.Color)	4286447679 (0xFF7E003F)
YUV	44.8560, 8.9450, 71.1633
Hunter-Lab	21.8963, 39.1371, 1.4440

Details

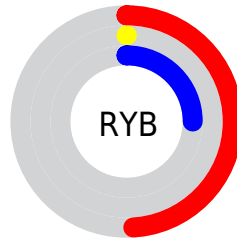
The HunterLab color **21.8963, 39.1371, 1.4440** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **39.0906, -30.2407, 16.4225**, and the grayscale version is **16.1128, -0.8597, 0.8754**.

A 20% lighter version of the original color is **39.1501, 42.7818, 2.5325**, and **11.8057, 20.6762, 4.0735** is the 20% darker color. If you saturate the color by 10%, you get **21.8961, 39.1364, 1.4464**, and if you desaturate by 10%, it is **22.6872, 37.6129, -0.2039**.

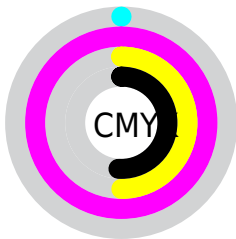
Distribution



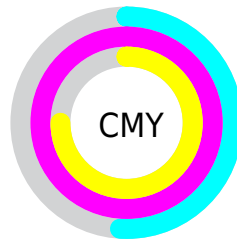
- Red (49%)
- Green (0%)
- Blue (25%)



- Red (49%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (51%)



- Cyan (51%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.8963, 39.1371, 1.4440 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 21.8963, 39.1371, 1.4440 by changing the saturation by 10% instead.

21.8963, 39.1371,
1.4440

21.8963, 39.1371,
1.4440

121.5832, 53.2620,
7.0675

14.5854, 37.2504,
1.0143

39.2093, 42.9733,
2.4418

8.2459, 36.6340,
0.6679

49.0449, 44.7601,
3.0012

0.0000, INF, NaN

59.5881, 46.4356,
3.5975

0.0000, NaN, NaN

70.7943, 48.0006,
4.2285

0.0000, NaN, NaN

82.6264, 49.4598,
4.8925

0.0000, NaN, NaN

95.0527, 50.8190,

0.0000, NaN, NaN

5.5878

0.0000, NaN, NaN

108.0463, 52.0845,
6.3133

21.8963, 39.1371,
1.4440

21.8963, 39.1371,
1.4440

21.8961, 39.1364,
1.4464

22.6872, 37.6129,
-0.2039

23.7829, 35.2877,
-1.5923

25.3330, 31.8399,
-2.4695

27.3134, 27.5682,
-2.8239

29.6804, 22.7864,
-2.7035

■ 32.3837, 17.7483,
-2.1838

■ 35.3749, 12.6264,
-1.3431

■ 38.6110, 7.5236,
-0.2503

■ 42.0561, 2.4932,
1.0394

Harmonies

Analogous

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



21.8970, 32.7731, -18.8132



21.8963, 39.1371, 1.4440



21.8970, 32.3619, 11.4828

Triad

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



21.8970, 39.1347, 1.4447



21.8970, -14.7583, 15.0182



21.8970, -14.4149, -42.9876

Complementary

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



21.8963, 39.1371, 1.4440



39.0906, -30.2407, 16.4225

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.



21.8970, -21.9553, -19.6122



21.8963, 39.1371, 1.4440



21.8970, -22.1095, 11.2949

Square

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



21.8970, 39.1347, 1.4447



21.8970, -1.4362, 15.3279



21.8970, -24.3087, 0.9361



21.8970, -0.9016, -53.3598

Rectangle

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



21.8963, 39.1371, 1.4440



21.8970, 22.1835, 14.1584



21.8970, -24.3087, 0.9361



21.8970, -17.5757, -35.8294

Sweetspot

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



21.8970, 39.1347, 1.4447



46.6394, 17.2357, -1.8734



16.0113, 36.8229, -62.5813



21.5781, 9.3359, -1.0923



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.



21.8970, 39.1347, 1.4447



29.0011, 51.7445, 2.6226



21.0616, 36.0652, 13.6084



20.9220, 1.0147, 0.5732



22.1760, 39.6332, 1.4924

0.0000, NaN, NaN

Inverse Universe

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



21.8970, 39.1347, 1.4447



29.0011, 51.7445, 2.6226



40.5315, -21.4874, -4.2746



20.9220, 1.0147, 0.5732



22.1760, 39.6332, 1.4924

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 21.8963, 39.1371, 1.4440 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

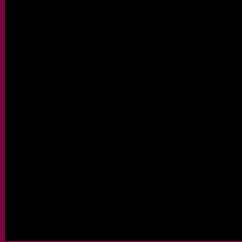
Any Text WCAG AA × Fail

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 21.8963, 39.1371, 1.4440 Background



This preview shows how black text looks on a background with the HunterLab color 21.8963, 39.1371, 1.4440.



This preview shows how white text looks on a background with the HunterLab color 21.8963, 39.1371,

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

21.8963, 39.1371, 1.4440

Protanopia

23.3141, 1.4904, -10.7783

Deuteranopia

23.1438, 1.4773, 4.0321



Tritanopia

22.4734, 30.8478, 11.9617

Trichromacy



Original Color

21.8963, 39.1371, 1.4440

Protanomaly

20.0473, 16.9643, -10.3728

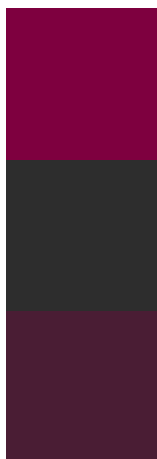
Deuteranomaly

20.5512, 17.8038, 0.6420

Tritanomaly

22.0840, 34.1702, 9.0530

Monochromacy



Original Color

21.8963, 39.1371, 1.4440

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.0702, 15.0103, -1.8211

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.8963, 39.1371, 1.4440 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(126, 0, 63)` looks like.

```
.text, #text, p{  
    color:rgb(126, 0, 63)  
}
```

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(126, 0, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 0, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 21.8963, 39.1371, 1.4440 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(126, 0, 63) }
```


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

```
.border{ border-color:rgb(126, 0, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 0, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 0, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 0, 63);  
box-shadow:4px 4px 4px 4px rgb(126, 0, 63)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.8963, 39.1371, 1.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 0, 63) }
```

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

```
.background{ background-color: rgb(126, 0,  
63) }
```

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