

Converting Colors

HunterLab(21.4741, 36.9901,
9.1062)

Have a look what the booklet for
HunterLab(21.4741, 36.9901,
9.1062) contains.

HunterLab(21.4770, 36.8824, 9.0479)	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(21.4770, 36.8824,
9.0479)**

Conversions

Conversions Part 1

Format	Color
Hex	7E0225
RGB	126, 2, 37
RGB Percent	49%, 1%, 15%
CMY	0.5059, 0.9921, 0.8549
CMYK	0.00, 0.98, 0.71, 0.51
HSL	343°, 97%, 25%
HSV	343°, 98%, 49%
XYZ	8.9598, 4.6126, 2.1683
YIQ	43.0660, 62.6690, 37.1730

Conversions

Conversions Part 2

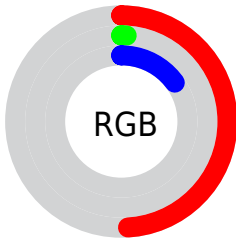
Format	Color
R_{YB}	126, 2, 37
Decimal	8258085
CIE Lab	25.60, 48.24, 17.52
CIE LCh	26, 51.320, 19.957
Yxy	4.6129, 0.5692, 0.2930
Android (android.graphics.Color)	4286448165 (0xFF7E0225)
YUV	43.0660, -2.9905, 72.7331
Hunter-Lab	21.4770, 36.8824, 9.0479

Details

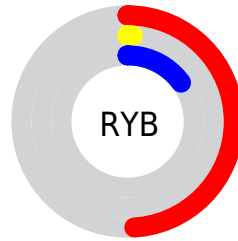
The HunterLab color **21.4770, 36.8824, 9.0479** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **39.6109, -27.0722, 9.1146**, and the grayscale version is **15.5618, -0.8303, 0.8455**.

A 20% lighter version of the original color is **38.7848, 40.5568, 12.7088**, and **11.2482, 19.2628, 7.2683** is the 20% darker color. If you saturate the color by 10%, you get **21.3548, 37.1545, 9.2736**, and if you desaturate by 10%, it is **22.2802, 35.2260, 7.4550**.

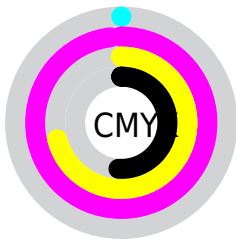
Distribution



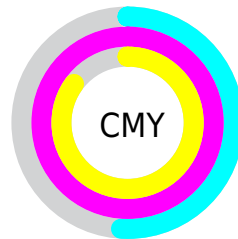
- Red (49%)
- Green (1%)
- Blue (15%)



- Red (49%)
- Yellow (1%)
- Blue (15%)



- Cyan (0%)
- Magenta (98%)
- Yellow (71%)
- Black (51%)



- Cyan (51%)
- Magenta (99%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.4770, 36.8824, 9.0479 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 21.4770, 36.8824, 9.0479 by changing the saturation by 10% instead.

■ 21.4770, 36.8824,
9.0479

■ 21.4770, 36.8824,
9.0479

■ 120.8391, 50.4222,
23.2856

■ 14.2196, 35.0184,
7.2183

■ 38.6997, 40.6116,
12.5409

■ 7.8753, 34.8927,
5.5127

■ 48.4956, 42.3331,
14.1647

0.0000, INF, NaN

0.0000, NaN, NaN

■ 59.0019, 43.9405,
15.7405

0.0000, NaN, NaN

■ 70.1733, 45.4361,
17.2829

0.0000, NaN, NaN

■ 81.9724, 46.8257,
18.8021


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 94.3674, 48.1156,


20.3055


0.0000, NaN, NaN


 107.3310, 49.3125,
21.7986


 21.4770, 36.8824,
9.0479


 21.4770, 36.8824,
9.0479


 21.3548, 37.1545,
9.2736

 22.2802, 35.2260,
7.4550

 23.4649, 32.6701,
5.8698

 25.1245, 29.1098,
4.4976

 27.2253, 24.8647,
3.4166

 29.7160, 20.2399,
2.6492

■ 32.5418, 15.4632,
2.1794

■ 35.6515, 10.6782,
1.9726

■ 39.0013, 5.9624,
1.9891

■ 42.5550, 1.3502,
2.1916

Harmonies

Analogous

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



21.4777, 39.1562, -4.6953



21.4770, 36.8824, 9.0479



21.4777, 22.9143, 14.0978

Triad

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



21.4777, 36.8798, 9.0484



21.4777, -20.2339, 12.8874



21.4777, -6.3351, -53.6308

Complementary

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



21.4770, 36.8824, 9.0479



39.6109, -27.0722, 9.1146

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.



21.4777, -17.7965, -36.3736



21.4770, 36.8824, 9.0479



21.4777, -24.0875, 5.7384

Square

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



21.4777, 36.8798, 9.0484



21.4777, -10.8164, 15.0344



21.4777, -23.3527, -11.6715



21.4777, 10.6083, -49.8353

Rectangle

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



21.4770, 36.8824, 9.0479



21.4777, 10.6612, 15.0344



21.4777, -23.3527, -11.6715



21.4777, -10.8521, -49.7927

Sweetspot

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



21.4777, 36.8798, 9.0484



46.3211, 15.6216, 2.6521



19.4105, 40.4223, -47.6240



21.4095, 8.4912, 1.3044



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.



21.4777, 36.8798, 9.0484



28.2937, 49.1524, 12.8674



23.0495, 29.7607, 14.5752



20.8870, 0.8262, 1.0725



21.6281, 37.6271, 9.4153

0.0000, NaN, NaN

Inverse Universe

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



21.4777, 36.8798, 9.0484



28.2937, 49.1524, 12.8674



32.3556, -11.0212, -16.4255



20.8870, 0.8262, 1.0725

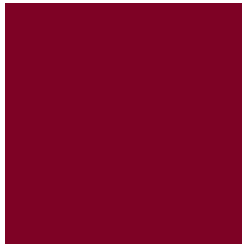


21.6281, 37.6271, 9.4153

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 21.4770, 36.8824, 9.0479 looks on a white background.

Color Contrast Check

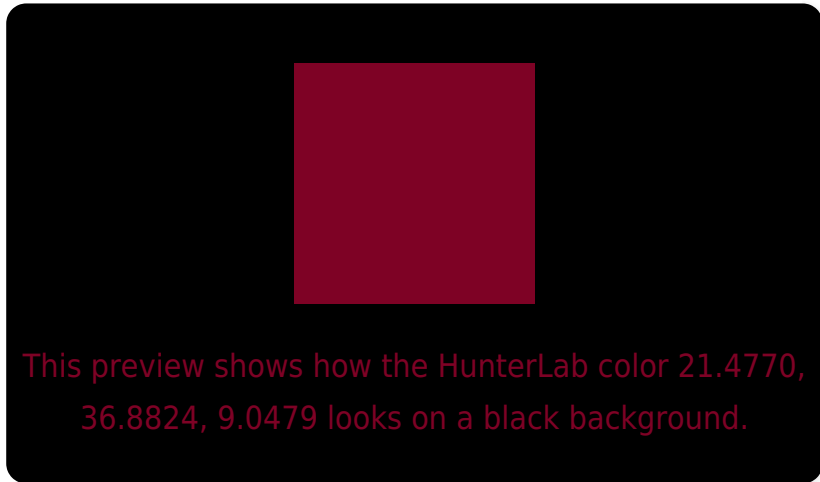
Large Text (above 18pt) WCAG AA ✓ Pass

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

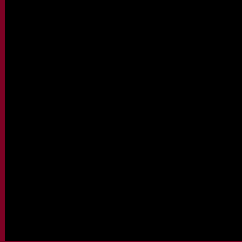
Any Text WCAG AA × Fail

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 21.4770, 36.8824, 9.0479 Background



This preview shows how black text looks on a background with the HunterLab color 21.4770, 36.8824, 9.0479.



This preview shows how white text looks on a background with the HunterLab color 21.4770, 36.8824,

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

21.4770, 36.8824, 9.0479

Protanopia

22.6626, -1.5555, 4.4812

Deuteranopia

22.5803, 1.1210, 10.5297



Tritanopia

21.7443, 33.3219, 13.0337

Trichromacy



Original Color

21.4770, 36.8824, 9.0479

Protanomaly

19.6824, 14.0834, 3.9514

Deuteranomaly

20.2835, 16.0487, 8.5737

Tritanomaly

21.5202, 34.5131, 11.9102

Monochromacy



Original Color

21.4770, 36.8824, 9.0479

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.5147, 13.8439, 1.7856

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.4770, 36.8824, 9.0479 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, 2, 37)` looks like.

```
.text, #text, p{  
    color:rgb(126, 2, 37)  
}
```

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, 2, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 2, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 21.4770, 36.8824, 9.0479 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, 2, 37) }
```


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

```
.border{ border-color:rgb(126, 2, 37) }
```

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

Here you see how a box with a 4 pixel rgb(126, 2, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 2, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 2, 37);  
box-shadow:4px 4px 4px 4px rgb(126, 2, 37)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.4770, 36.8824, 9.0479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 2, 37) }
```

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

```
.background{ background-color: rgb(126, 2,  
37) }
```

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