

Converting Colors

HunterLab(22.0114, 38.1277,
10.8700)

Have a look what the booklet for
HunterLab(22.0114, 38.1277,
10.8700) contains.

HunterLab(21.9990, 38.1001, 10.9123)	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(21.9990, 38.1001,
10.9123)**

Conversions

Conversions Part 1

Format	Color
Hex	82001E
RGB	130, 0, 30
RGB Percent	51%, 0%, 12%
CMY	0.4902, 0.9999, 0.8824
CMYK	0.00, 1.00, 0.77, 0.49
HSL	346°, 100%, 25%
HSV	346°, 100%, 51%
XYZ	9.4403, 4.8396, 1.6649
YIQ	42.2900, 67.8500, 36.8900

Conversions

Conversions Part 2

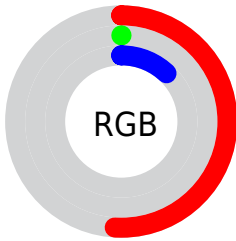
Format	Color
R_{YB}	130, 0, 30
Decimal	8519710
CIE _{Lab}	26.27, 49.34, 23.24
CIE _{LCh}	26, 54.542, 25.225
Yxy	4.8399, 0.5921, 0.3035
Android (android.graphics.Color)	4286709790 (0xFF82001E)
YUV	42.2900, -6.0590, 76.9217
Hunter-Lab	21.9990, 38.1001, 10.9123

Details

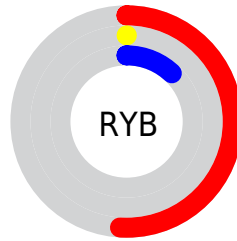
The HunterLab color **21.9990, 38.1001, 10.9123** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **41.0921, -27.2398, 7.4425**, and the grayscale version is **15.3170, -0.8173, 0.8322**.

A 20% lighter version of the original color is **39.4662, 41.9177, 15.3200**, and **11.7376, 20.1010, 7.5846** is the 20% darker color. If you saturate the color by 10%, you get **21.9988, 38.0994, 10.9142**, and if you desaturate by 10%, it is **22.7755, 36.4239, 9.4456**.

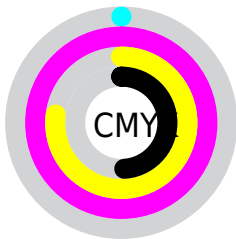
Distribution



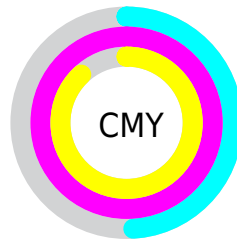
- Red (51%)
- Green (0%)
- Blue (12%)



- Red (51%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (77%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.9990, 38.1001, 10.9123 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 21.9990, 38.1001, 10.9123 by changing the saturation by 10% instead.

21.9990, 38.1001,
10.9123

21.9990, 38.1001,
10.9123

121.7651, 51.9062,
28.2972

14.6752, 36.2168,
8.9130

39.3341, 41.8792,
15.3203

8.3338, 35.4248,
5.8337

49.1793, 43.6298,
17.3357

0.0000, INF, NaN

0.0000, NaN, NaN

59.7315, 45.2676,
19.2710

0.0000, NaN, NaN

70.9462, 46.7944,
21.1468

0.0000, NaN, NaN

82.7863, 48.2154,
22.9777


0.0000, NaN, NaN


0.0000, NaN, NaN


95.2203, 49.5369,


24.7747


0.0000, NaN, NaN


 108.2211, 50.7652,
26.5458


 21.9990, 38.1001,
10.9123


 21.9990, 38.1001,
10.9123


 21.9988, 38.0994,
10.9142

 22.7755, 36.4239,
9.4456

 23.9073, 33.9560,
7.8417

 25.5424, 30.4092,
6.3471

 27.6503, 26.1110,
5.0687

 30.1785, 21.3902,
4.0576

■ 33.0682, 16.4986,
3.3194

■ 36.2640, 11.5964,
2.8335

■ 39.7183, 6.7706,
2.5679

■ 43.3915, 2.0597,
2.4893

Harmonies

Analogous

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



21.9997, 43.1793, -1.6254



21.9990, 38.1001, 10.9123



21.9997, 21.3909, 15.3058

Triad

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



21.9997, 38.0973, 10.9128



21.9997, -22.4916, 12.7252



21.9997, -3.8961, -60.1594

Complementary

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



21.9990, 38.1001, 10.9123



41.0921, -27.2398, 7.4425

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.



21.9997, -17.2137, -44.3878



21.9990, 38.1001, 10.9123



21.9997, -25.6032, 3.6897

Square

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



21.9997, 38.0973, 10.9128



21.9997, -13.7144, 15.3998



21.9997, -24.0265, -17.1846



21.9997, 15.0087, -51.5779

Rectangle

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



21.9990, 38.1001, 10.9123



21.9997, 8.0417, 15.3998



21.9997, -24.0265, -17.1846



21.9997, -9.0868, -57.3201

Sweetspot

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



21.9997, 38.0973, 10.9128



47.8196, 15.8368, 3.7948



20.7426, 43.2880, -46.8263



22.0271, 8.6173, 1.8996



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



21.9997, 38.0973, 10.9128



29.1601, 50.4359, 14.9797



24.3496, 29.2113, 15.5144



20.8789, 0.7822, 1.1889



21.5436, 37.3154, 10.6554

0.0000, NaN, NaN

Inverse Universe

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



21.9997, 38.0973, 10.9128



29.1601, 50.4359, 14.9797



31.3960, -8.5949, -20.6866



20.8789, 0.7822, 1.1889



21.5436, 37.3154, 10.6554

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 21.9990, 38.1001, 10.9123 looks on a white background.

Color Contrast Check

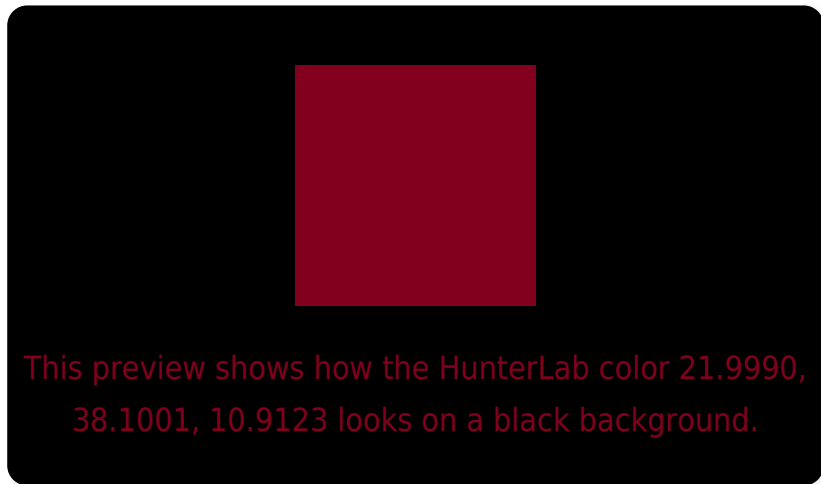
Large Text (above 18pt) WCAG AA ✓ Pass

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

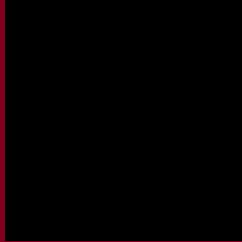
Any Text WCAG AA × Fail

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 21.9990, 38.1001, 10.9123 Background



This preview shows how black text looks on a background with the HunterLab color 21.9990, 38.1001, 10.9123.



This preview shows how white text looks on a background with the HunterLab color 21.9990, 38.1001,

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

21.9990, 38.1001, 10.9123

Protanopia

23.3094, -2.1967, 7.7500

Deuteranopia

23.2525, 0.7772, 12.4062



Tritanopia

22.4651, 35.2378, 14.0051

Trichromacy



Original Color

21.9990, 38.1001, 10.9123

Protanomaly

20.2100, 14.3104, 6.8145

Deuteranomaly

20.5923, 16.6655, 10.3326

Tritanomaly

22.2575, 36.2664, 13.1460

Monochromacy



Original Color

21.9990, 38.1001, 10.9123

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.4261, 14.2654, 2.7074

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.9990, 38.1001, 10.9123 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(130, 0, 30)` looks like.

```
.text, #text, p{  
    color:rgb(130, 0, 30)  
}
```

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(130, 0, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 0, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 21.9990, 38.1001, 10.9123 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(130, 0, 30) }
```


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

```
.border{ border-color:rgb(130, 0, 30) }
```

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

Here you see how a box with a 4 pixel rgb(130, 0, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 0, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 0, 30);  
box-shadow:4px 4px 4px 4px rgb(130, 0, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.9990, 38.1001, 10.9123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 0, 30) }
```

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

```
.background{ background-color: rgb(130, 0,  
30) }
```

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