

Converting Colors

HunterLab(13.1446, 23.8095,
-1.5754)

Have a look what the booklet for
HunterLab(13.1446, 23.8095,
-1.5754) contains.

HunterLab(13.2096, 23.8874, -1.2738)	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(13.2096, 23.8874,
-1.2738)**

Conversions

Conversions Part 1

Format	Color
Hex	4D002A
RGB	77, 0, 42
RGB Percent	30%, 0%, 16%
CMY	0.6980, 1.0000, 0.8353
CMYK	0.00, 1.00, 0.45, 0.70
HSL	327°, 100%, 15%
HSV	327°, 100%, 30%
XYZ	3.4785, 1.7449, 2.3439
YIQ	27.8110, 32.4100, 29.3860

Conversions

Conversions Part 2

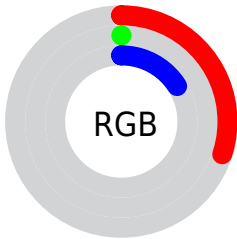
Format	Color
R_{YB}	77, 0, 42
Decimal	5046314
CIE _{Lab}	14.09, 36.32, -3.76
CIE _{LCh}	14, 36.510, 354.088
Yxy	1.7450, 0.4597, 0.2306
Android (android.graphics.Color)	4283236394 (0xFF4D002A)
YUV	27.8110, 6.9952, 43.1388
Hunter-Lab	13.2096, 23.8874, -1.2738

Details

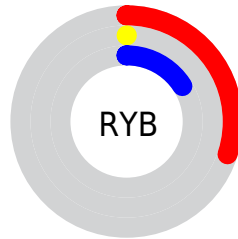
The HunterLab color **13.2096, 23.8874, -1.2738** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **23.3005, -18.1202, 9.9934**, and the grayscale version is **10.6907, -0.5704, 0.5808**.

A 20% lighter version of the original color is **28.4118, 27.2124, -0.8328**, and **4.2680, 7.3091, 2.7579** is the 20% darker color. If you saturate the color by 10%, you get **13.2096, 23.8871, -1.2731**, and if you desaturate by 10%, it is **13.9225, 22.1440, -1.8220**.

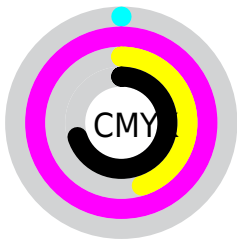
Distribution



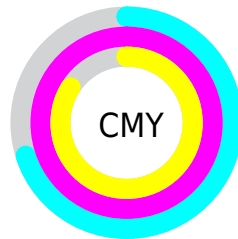
- Red (30%)
- Green (0%)
- Blue (16%)



- Red (30%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (45%)
- Black (70%)



- Cyan (70%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.2096, 23.8874, -1.2738 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 13.2096, 23.8874, -1.2738 by changing the saturation by 10% instead.

■ 13.2096, 23.8874,
-1.2738

■ 13.2096, 23.8874,
-1.2738

■ 105.3325, 34.6883,
1.9605

■ 6.7273, 25.6816,
-1.9511

■ 28.3735, 27.0917,
-0.9543

0.0000, INF, NaN

0.0000, NaN, NaN

■ 37.2816, 28.5203,
-0.6880

0.0000, NaN, NaN

■ 46.9654, 29.8195,
-0.3633

0.0000, NaN, NaN

■ 57.3672, 30.9977,
0.0135

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 68.4405, 32.0646,
0.4378


0.0000, NaN, NaN


■ 80.1467, 33.0298,


0.0000, NaN, NaN


0.9056


 92.4534, 33.9019,
1.4140


 13.2096, 23.8874,
-1.2738


 13.2096, 23.8874,
-1.2738


 13.2096, 23.8871,
-1.2731

 13.9225, 22.1440,
-1.8220

 14.6721, 20.4513,
-2.3432

 15.6435, 18.2681,
-2.5792

 16.8318, 15.7137,
-2.5326

 18.2139, 12.9359,
-2.2420

■ 19.7653, 10.0490,
-1.7518

■ 21.4628, 7.1301,
-1.1033

■ 23.2860, 4.2256,
-0.3313

■ 25.2176, 1.3602,
0.5369

Harmonies

Analogous

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



13.2100, 18.3857, -14.8019



13.2096, 23.8874, -1.2738



13.2100, 21.3958, 6.3009

Triad

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



13.2100, 23.8860, -1.2734



13.2100, -7.5772, 9.2470



13.2100, -10.0754, -23.7562

Complementary

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



13.2096, 23.8874, -1.2738



23.3005, -18.1202, 9.9934

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.



13.2100, -14.0815, -8.9427



13.2096, 23.8874, -1.2738



13.2100, -12.8409, 8.3449

Square

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



13.2100, 23.8860, -1.2734



13.2100, 1.3012, 9.2470



13.2100, -15.0661, 2.4425



13.2100, -2.5993, -32.6547

Rectangle

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



13.2096, 23.8874, -1.2738



13.2100, 15.8245, 9.2470



13.2100, -15.0661, 2.4425



13.2100, -11.7373, -18.9444

Sweetspot

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



13.2100, 23.8860, -1.2734



27.7136, 9.7025, -1.5378



9.4191, 21.8163, -38.0099



13.9411, 5.4219, -0.8938



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



13.2100, 23.8860, -1.2734



17.1659, 30.9620, -1.0382



12.5949, 21.6343, 7.6187



13.0991, 0.5030, 0.3391



17.6259, 31.7845, -1.0103



42.6914, 76.5890, 0.6196

Inverse Universe

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



13.2100, 23.8860, -1.2734



17.1659, 30.9620, -1.0382



24.0641, -13.4687, -1.0024



13.0991, 0.5030, 0.3391



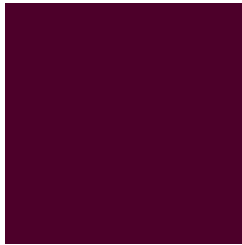
17.6259, 31.7845, -1.0103



42.6914, 76.5890, 0.6196

Previews

White Background



This preview shows how the HunterLab color 13.2096, 23.8874, -1.2738 looks on a white background.

Color Contrast Check

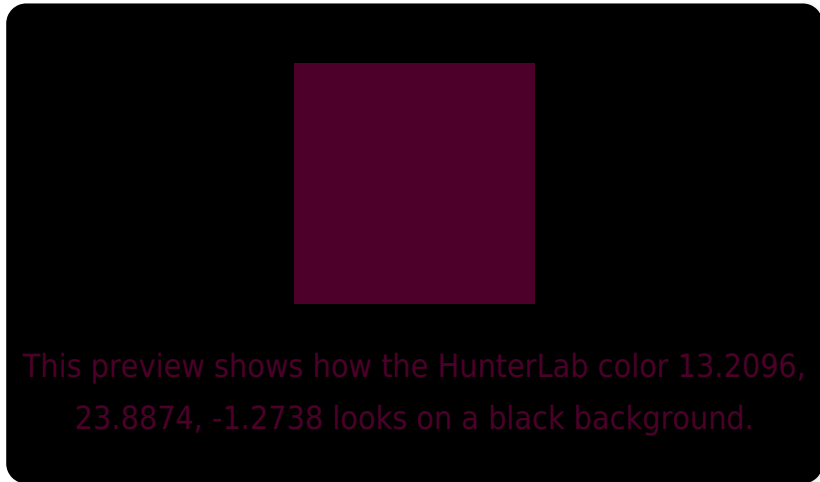
Large Text (above 18pt) WCAG AA ✓ Pass

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

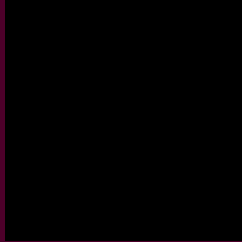
Any Text WCAG AA × Fail

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 13.2096, 23.8874, -1.2738 Background



This preview shows how black text looks on a background with the HunterLab color 13.2096, 23.8874, -1.2738.



This preview shows how white text looks on a background with the HunterLab color 13.2096, 23.8874, -1.2738.

-1.2738.

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

13.2096, 23.8874, -1.2738

Protanopia

14.7213, 0.9329, -8.1299

Deuteranopia

14.6813, 0.7388, 1.3078



Tritanopia

14.0637, 17.0461, 6.7287

Trichromacy



Original Color

13.2096, 23.8874, -1.2738

Protanomaly

12.6699, 9.6233, -7.7860

Deuteranomaly

13.1085, 9.9861, -0.8277

Tritanomaly

13.6030, 19.3219, 4.4608

Monochromacy



Original Color

13.2096, 23.8874, -1.2738

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

10.5984, 8.6956, -1.3663

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.2096, 23.8874, -1.2738 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(77, 0, 42)` looks like.

```
.text, #text, p{  
    color:rgb(77, 0, 42)  
}
```

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(77, 0, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 0, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 13.2096, 23.8874, -1.2738 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(77, 0, 42) }
```


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

```
.border{ border-color:rgb(77, 0, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 0, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 0, 42); -webkit-box-shadow:4px  
4px 4px 4px rgb(77, 0, 42); box-shadow:4px  
4px 4px 4px rgb(77, 0, 42) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.2096, 23.8874, -1.2738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 0, 42) }
```

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

```
.background{ background-color: rgb(77, 0,  
42) }
```

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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