

Converting Colors

HunterLab(10.4224, 35.2475,
-5.0729)

Have a look what the booklet for
HunterLab(10.4224, 35.2475,
-5.0729) contains.

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Color

**HunterLab(13.1829, 23.7904,
-0.8953)**

Conversions

Conversions Part 1	
Format	Color
Hex	4D0029
RGB	77, 0, 41
RGB Percent	30%, 0%, 16%
CMY	0.6980, 1.0000, 0.8392
CMYK	0.00, 1.00, 0.47, 0.70
HSL	328°, 100%, 15%
HSV	328°, 100%, 30%
XYZ	3.4608, 1.7379, 2.2509
YIQ	27.6970, 32.7310, 29.0750

Conversions

Conversions Part 2

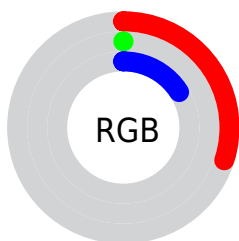
Format	Color
RYB	77, 0, 41
Decimal	5046313
CIELab	14.05, 36.21, -3.08
CIELCh	14, 36.341, 355.131
Yxy	1.7380, 0.4646, 0.2333
Android (android.graphics.Color)	4283236393 (0xFF4D0029)
YUV	27.6970, 6.5584, 43.2387
Hunter-Lab	13.1829, 23.7904, -0.8953

Details

The HunterLab color **13.1829, 23.7904, -0.8953** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **23.3135, -18.0401, 9.8042**, and the grayscale version is **10.6570, -0.5686, 0.5790**.

A 20% lighter version of the original color is **28.3832, 27.0847, -0.4273**, and **4.2680, 7.3091, 2.7579** is the 20% darker color. If you saturate the color by 10%, you get **13.1828, 23.7903, -0.8945**, and if you desaturate by 10%, it is **13.8976, 22.0482, -1.4705**.

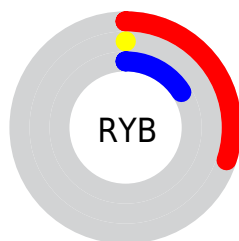
Distribution



Red (30%)

Green (0%)

Blue (16%)



Red (30%)

Yellow (0%)

Blue (16%)

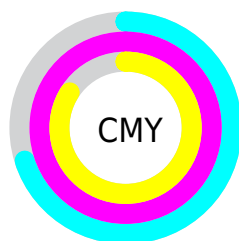


Cyan (0%)

Magenta (100%)

Yellow (47%)

Black (70%)



Cyan (70%)


Magenta (100%)


Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 13.1829, 23.7904, -0.8953 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 13.1829, 23.7904, -0.8953 by changing the saturation by 10% instead.

 13.1829, 23.7904,
-0.8953

 13.1829, 23.7904,
-0.8953


 105.2791, 34.5591,
2.6466

 6.6938, 25.6696,
-1.5457


 28.3391, 26.9885,
-0.4903

0.0000, INF, NaN

0.0000, NaN, NaN


 37.2438, 28.4135,
-0.1864

0.0000, NaN, NaN


 46.9247, 29.7090,
0.1734

0.0000, NaN, NaN

0.0000, NaN, NaN

 57.3237, 30.8832,
0.5832

0.0000, NaN, NaN


 68.3943, 31.9464,
1.0387


0.0000, NaN, NaN


 80.0980, 32.9079,


0.0000, NaN, NaN


1.5362


 92.4023, 33.7763,
2.0729


 13.1829, 23.7904,
-0.8953


 13.1829, 23.7904,
-0.8953


 13.1828, 23.7903,
-0.8945

 13.8976, 22.0482,
-1.4705

 14.6494, 20.3591,
-2.0222

 15.6234, 18.1818,
-2.2947

 16.8146, 15.6356,
-2.2886

 18.1997, 12.8682,
-2.0402

■ 19.7542, 9.9934,
-1.5925

■ 21.4546, 7.0876,
-0.9858

■ 23.2807, 4.1970,
-0.2544

■ 25.2152, 1.3458,
0.5747

Harmonies

Analogous

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



13.1833, 18.5722, -14.1769



13.1829, 23.7904, -0.8953



13.1833, 21.0378, 6.4657

Triad

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



13.1833, 23.7890, -0.8949



13.1833, -7.7850, 9.2283



13.1833, -9.8335, -24.0567

Complementary

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



13.1829, 23.7904, -0.8953



23.3135, -18.0401, 9.8042

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.



13.1833, -13.9320, -9.3797



13.1829, 23.7904, -0.8953



13.1833, -12.9125, 8.1455

Square

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



13.1833, 23.7890, -0.8949



13.1833, 0.9323, 9.2283



13.1833, -15.0257, 2.1490



13.1833, -2.2644, -32.5069

Rectangle

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



13.1829, 23.7904, -0.8953



13.1833, 15.3813, 9.2283



13.1833, -15.0257, 2.1490



13.1833, -11.5309, -19.3320

Sweetspot

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



13.1833, 23.7890, -0.8949



27.7024, 9.6455, -1.3789



9.5386, 21.9495, -37.3804



13.9349, 5.3907, -0.8059



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.



13.1833, 23.7890, -0.8949



17.1308, 30.8349, -0.5411



12.5838, 21.5928, 7.7842



13.0979, 0.4967, 0.3559



17.5899, 31.6539, -0.4995



42.6033, 76.2688, 1.8747

Inverse Universe

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



13.1833, 23.7890, -0.8949



17.1308, 30.8349, -0.5411



24.0999, -13.2546, -1.5092



13.0979, 0.4967, 0.3559



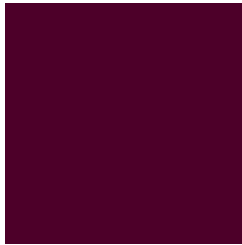
17.5899, 31.6539, -0.4995



42.6033, 76.2688, 1.8747

Previews

White Background



This preview shows how the HunterLab color 13.1829, 23.7904, -0.8953 looks on a white background.

Color Contrast Check

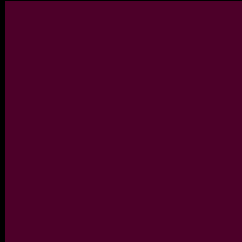
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 13.1829, 23.7904, -0.8953 looks on a 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 13.1829, 23.7904, -0.8953 Background



This preview shows how black text looks on a background with the HunterLab color 13.1829, 23.7904, -0.8953.



This preview shows how white text looks on a background with the HunterLab color 13.1829, 23.7904,

-0.8953.

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

13.1829, 23.7904, -0.8953

Protanopia

14.7426, 0.9333, -7.5398

Deuteranopia

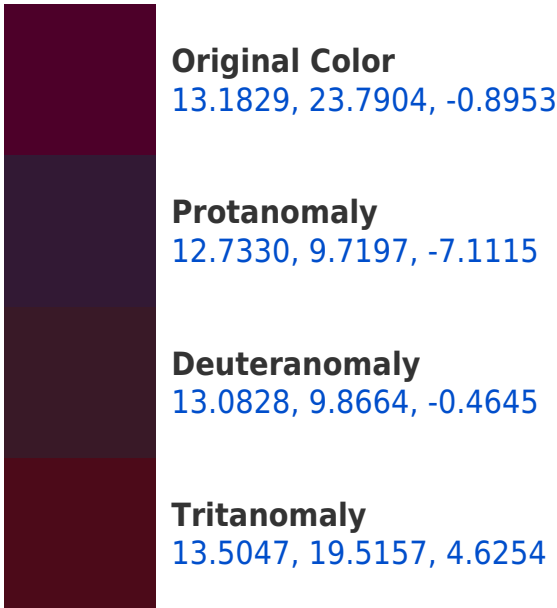
14.6590, 0.6189, 1.6270



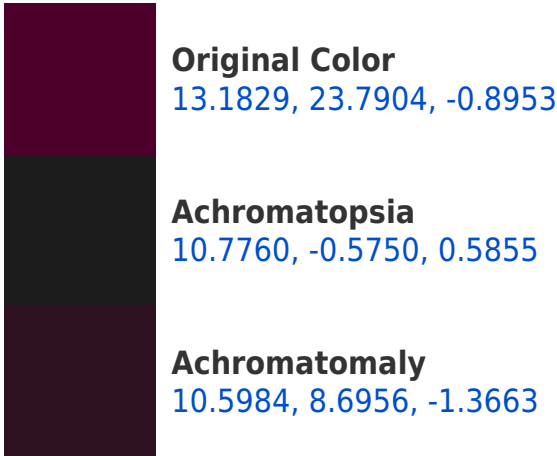
Tritanopia

13.9445, 17.3187, 6.8114

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.1829, 23.7904, -0.8953 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, 41)` looks like.

```
.text, #text, p{  
    color:rgb(77, 0, 41)  
}
```

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, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 0, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 13.1829, 23.7904, -0.8953 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, 41) }
```


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

```
.border{ border-color:rgb(77, 0, 41) }
```

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, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 0, 41); -webkit-box-shadow:4px  
4px 4px 4px rgb(77, 0, 41); box-shadow:4px  
4px 4px 4px rgb(77, 0, 41) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.1829, 23.7904, -0.8953 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, 41) }
```

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

```
.background{ background-color: rgb(77, 0,  
41) }
```

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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