

Converting Colors

HunterLab(13.3189, 23.6311,
2.2329)

Have a look what the booklet for
HunterLab(13.3189, 23.6311,
2.2329) contains.

HunterLab(13.3119, 23.6219, 2.2078)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**HunterLab(13.3119, 23.6219,
2.2078)**

Conversions

Conversions Part 1

Format	Color
Hex	4F0021
RGB	79, 0, 33
RGB Percent	31%, 0%, 13%
CMY	0.6902, 1.0000, 0.8706
CMYK	0.00, 1.00, 0.58, 0.69
HSL	335°, 100%, 15%
HSV	335°, 100%, 31%
XYZ	3.4990, 1.7721, 1.5965
YIQ	27.3830, 36.4910, 27.0110

Conversions

Conversions Part 2

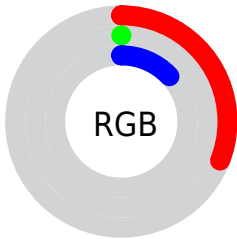
Format	Color
R_{YB}	79, 0, 33
Decimal	5177377
CIE Lab	14.24, 35.97, 3.19
CIE LCh	14, 36.114, 5.071
Yxy	1.7722, 0.5095, 0.2580
Android (android.graphics.Color)	4283367457 (0xFF4F0021)
YUV	27.3830, 2.7692, 45.2681
Hunter-Lab	13.3119, 23.6219, 2.2078

Details

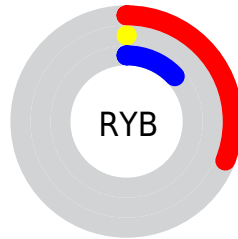
The HunterLab color **13.3119, 23.6219, 2.2078** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **24.0609, -17.7045, 8.1457**, and the grayscale version is **10.5711, -0.5640, 0.5743**.

A 20% lighter version of the original color is **28.4248, 26.7088, 3.3376**, and **4.2680, 7.3091, 2.7579** is the 20% darker color. If you saturate the color by 10%, you get **13.3118, 23.6216, 2.2086**, and if you desaturate by 10%, it is **14.0401, 21.8812, 1.4328**.

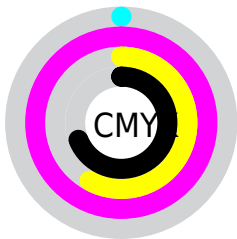
Distribution



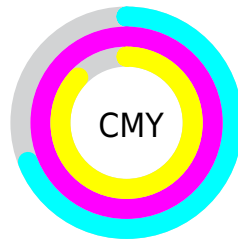
- Red (31%)
- Green (0%)
- Blue (13%)



- Red (31%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (69%)





- Cyan (69%)
- Magenta (100%)
- Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 13.3119, 23.6219, 2.2078 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 13.3119, 23.6219, 2.2078 by changing the saturation by 10% instead.

 13.3119, 23.6219,
2.2078

 13.3119, 23.6219,
2.2078


 105.5367, 34.2924,
8.8433

 6.8538, 25.0617,
2.3035


 28.5055, 26.8014,
3.5118

0.0000, INF, NaN


0.0000, NaN, NaN

 37.4261, 28.2143,
4.1969

0.0000, NaN, NaN


 47.1215, 29.4977,
4.9073

0.0000, NaN, NaN

 57.5340, 30.6602,
5.6436

0.0000, NaN, NaN

0.0000, NaN, NaN

 68.6174, 31.7118,
6.4057

0.0000, NaN, NaN

 80.3332, 32.6622,

0.0000, NaN, NaN

7.1933

■ 92.6489, 33.5199,
8.0060

■ 13.3119, 23.6219,
2.2078

■ 13.3119, 23.6219,
2.2078

■ 13.3118, 23.6216,
2.2086

■ 14.0401, 21.8812,
1.4328

■ 14.8179, 20.1862,
0.6439

■ 15.8337, 17.9946,
0.0801

■ 17.0784, 15.4403,
-0.2409

■ 18.5263, 12.6755,
-0.3365

■ 20.1506, 9.8148,
-0.2367

■ 21.9265, 6.9337,
0.0263

■ 23.8322, 4.0761,
0.4226

■ 25.8495, 1.2641,
0.9272

Harmonies

Analogous

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



13.3123, 20.9452, -9.2127



13.3119, 23.6219, 2.2078



13.3123, 18.3984, 8.1333

Triad

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



13.3123, 23.6204, 2.2082



13.3123, -9.8707, 9.3186



13.3123, -7.7350, -27.7666

Complementary

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



13.3119, 23.6219, 2.2078



24.0609, -17.7045, 8.1457

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.



13.3123, -12.8758, -14.1597



13.3119, 23.6219, 2.2078



13.3123, -13.9205, 6.4118

Square

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



13.3123, 23.6204, 2.2082



13.3123, -2.3298, 9.3186



13.3123, -14.9757, -0.9521



13.3123, 0.9890, -32.1535

Rectangle

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



13.3119, 23.6219, 2.2078



13.3123, 11.8314, 9.3186



13.3123, -14.9757, -0.9521



13.3123, -9.8439, -23.8008

Sweetspot

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



13.3123, 23.6204, 2.2082



28.3289, 9.4371, -0.0110



10.5701, 23.4394, -34.5682



13.8815, 5.1212, -0.0490



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.



13.3123, 23.6204, 2.2082



17.3098, 30.6345, 3.5041



13.3293, 20.6205, 8.5738



13.0876, 0.4411, 0.5028



41.9313, 73.8164, 11.5307

Inverse Universe

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



13.3123, 23.6204, 2.2082



17.3098, 30.6345, 3.5041



23.2950, -11.3239, -4.6709



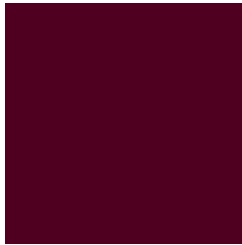
13.0876, 0.4411, 0.5028



41.9313, 73.8164, 11.5307

Previews

White Background



This preview shows how the HunterLab color 13.3119, 23.6219, 2.2078 looks on a white background.

Color Contrast Check

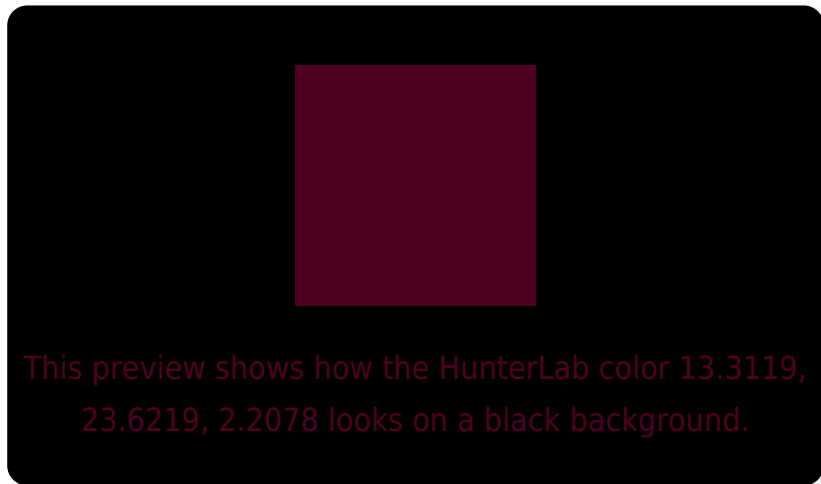
Large Text (above 18pt) WCAG AA ✓ Pass

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

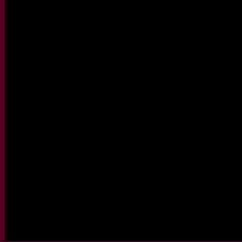
Any Text WCAG AA × Fail

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 13.3119, 23.6219, 2.2078 Background



This preview shows how black text looks on a background with the HunterLab color 13.3119, 23.6219, 2.2078.



This preview shows how white text looks on a background with the HunterLab color 13.3119, 23.6219,

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

13.3119, 23.6219, 2.2078

Protanopia

14.7048, 0.1101, -2.2118

Deuteranopia

14.7416, 0.5842, 4.1538



Tritanopia

13.9162, 18.7248, 7.2806

Trichromacy



Original Color

13.3119, 23.6219, 2.2078

Protanomaly

12.8606, 9.4864, -2.4459

Deuteranomaly

13.1301, 9.6304, 2.4057

Tritanomaly

13.5789, 20.3394, 5.8336

Monochromacy



Original Color

13.3119, 23.6219, 2.2078

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.3462, 8.6172, -0.1350

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.3119, 23.6219, 2.2078 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(79, 0, 33)` looks like.

```
.text, #text, p{  
    color:rgb(79, 0, 33)  
}
```

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(79, 0, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 0, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 13.3119, 23.6219, 2.2078 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(79, 0, 33) }
```

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

```
.border{ border-color:rgb(79, 0, 33) }
```

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

Here you see how a box with a 4 pixel rgb(79, 0, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 0, 33); -webkit-box-shadow:4px  
4px 4px 4px rgb(79, 0, 33); box-shadow:4px  
4px 4px 4px rgb(79, 0, 33) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.3119, 23.6219, 2.2078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 0, 33) }
```

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

```
.background{ background-color: rgb(79, 0,  
33) }
```

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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