

Converting Colors

HunterLab(13.0170, 23.2050,
1.3334)

Have a look what the booklet for
HunterLab(13.0170, 23.2050,
1.3334) contains.

HunterLab(13.0351, 23.2539, 1.2066)	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(13.0351, 23.2539,
1.2066)**

Conversions

Conversions Part 1

Format	Color
Hex	4D0023
RGB	77, 0, 35
RGB Percent	30%, 0%, 14%
CMY	0.6980, 1.0000, 0.8627
CMYK	0.00, 1.00, 0.55, 0.70
HSL	333°, 100%, 15%
HSV	333°, 100%, 30%
XYZ	3.3640, 1.6991, 1.7408
YIQ	27.0130, 34.6570, 27.2090

Conversions

Conversions Part 2

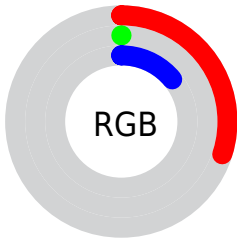
Format	Color
R_{YB}	77, 0, 35
Decimal	5046307
CIE Lab	13.82, 35.62, 1.03
CIE LCh	14, 35.633, 1.662
Yxy	1.6992, 0.4944, 0.2497
Android (android.graphics.Color)	4283236387 (0xFF4D0023)
YUV	27.0130, 3.9376, 43.8386
Hunter-Lab	13.0351, 23.2539, 1.2066

Details

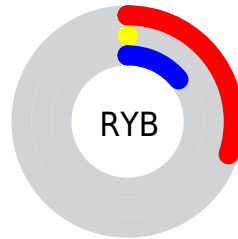
The HunterLab color **13.0351, 23.2539, 1.2066** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **23.3987, -17.5130, 8.5600**, and the grayscale version is **10.4546, -0.5578, 0.5680**.

A 20% lighter version of the original color is **28.1934, 26.2340, 2.2759**, and **3.8565, 6.6043, 2.4919** is the 20% darker color. If you saturate the color by 10%, you get **13.0350, 23.2537, 1.2074**, and if you desaturate by 10%, it is **13.7581, 21.5111, 0.5072**.

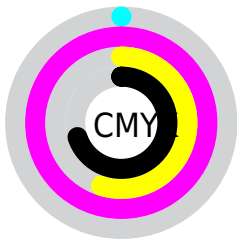
Distribution



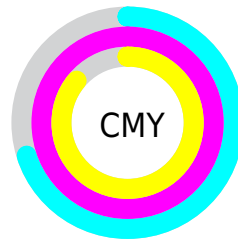
- Red (30%)
- Green (0%)
- Blue (14%)



- Red (30%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (55%)
- Black (70%)



- Cyan (70%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.0351, 23.2539, 1.2066 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 13.0351, 23.2539, 1.2066 by changing the saturation by 10% instead.

13.0351, 23.2539,
1.2066

13.0351, 23.2539,
1.2066

104.9833, 33.8428,
6.7268

6.5051, 25.6339,
1.0128

28.1482, 26.4177,
2.1804

0.0000, INF, NaN

0.0000, NaN, NaN

37.0347, 27.8220,
2.7276

0.0000, NaN, NaN

46.6988, 29.0963,
3.3119

0.0000, NaN, NaN

0.0000, NaN, NaN

57.0822, 30.2493,
3.9313

0.0000, NaN, NaN

68.1381, 31.2914,
4.5840

0.0000, NaN, NaN

79.8280, 32.2321,

0.0000, NaN, NaN

5.2683

■ 92.1191, 33.0801,
5.9830

■ 13.0351, 23.2539,
1.2066

■ 13.0351, 23.2539,
1.2066

■ 13.0350, 23.2537,
1.2074

■ 13.7581, 21.5111,
0.5072

■ 14.5202, 19.8363,
-0.1960

■ 15.5076, 17.6874,
-0.6614

■ 16.7145, 15.1848,
-0.8760

■ 18.1164, 12.4746,
-0.8635

■ 19.6881, 9.6679,
-0.6573

■ 21.4057, 6.8381,
-0.2919

■ 23.2486, 4.0284,
0.2022

■ 25.1993, 1.2609,
0.7997

Harmonies

Analogous

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



13.0355, 19.7626, -10.6264



13.0351, 23.2539, 1.2066



13.0355, 18.9422, 7.4944

Triad

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



13.0355, 23.2525, 1.2070



13.0355, -9.0138, 9.1248



13.0355, -8.3279, -25.9923

Complementary

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



13.0351, 23.2539, 1.2066



23.3987, -17.5130, 8.5600

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.



13.0355, -13.0345, -12.2201



13.0351, 23.2539, 1.2066



13.0355, -13.3800, 6.9250

Square

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



13.0355, 23.2525, 1.2070



13.0355, -1.2255, 9.1248



13.0355, -14.8024, 0.1917



13.0355, -0.1584, -31.6907

Rectangle

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



13.0351, 23.2539, 1.2066



13.0355, 12.7862, 9.1248



13.0355, -14.8024, 0.1917



13.0355, -10.2554, -21.8248

Sweetspot

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



13.0355, 23.2525, 1.2070



27.6362, 9.3093, -0.4409



10.0437, 22.5322, -34.8640



13.8983, 5.2064, -0.2881



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.



13.0355, 23.2525, 1.2070



16.9384, 30.1352, 2.2035



12.7813, 20.7660, 8.2387



13.0909, 0.4589, 0.4558



17.3922, 30.9353, 2.3196



42.1262, 74.5300, 8.7132

Inverse Universe

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



13.0355, 23.2525, 1.2070



16.9384, 30.1352, 2.2035



23.4340, -11.9314, -3.5332



13.0909, 0.4589, 0.4558



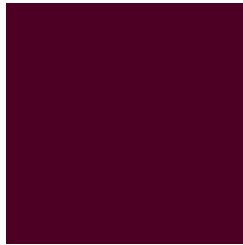
17.3922, 30.9353, 2.3196



42.1262, 74.5300, 8.7132

Previews

White Background



This preview shows how the HunterLab color 13.0351, 23.2539, 1.2066 looks on a white background.

Color Contrast Check

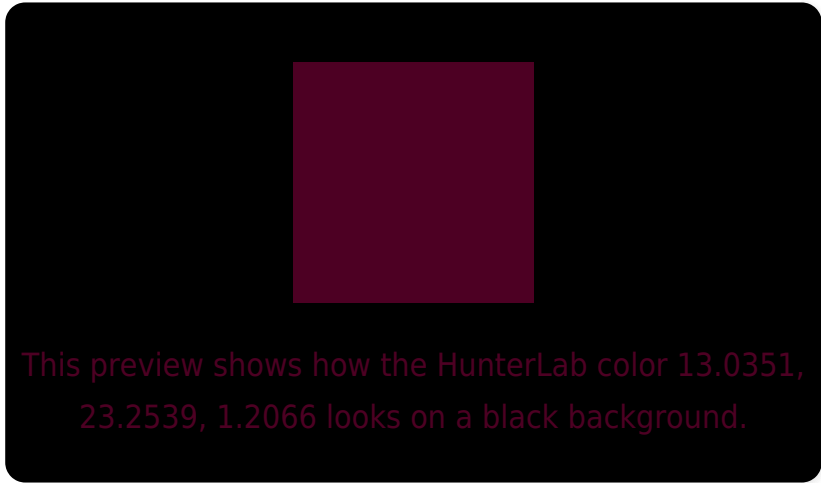
Large Text (above 18pt) WCAG AA ✓ Pass

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

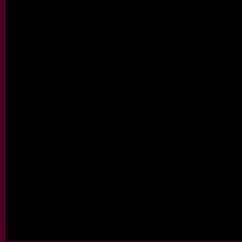
Any Text WCAG AA × Fail

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 13.0351, 23.2539, 1.2066 Background



This preview shows how black text looks on a background with the HunterLab color 13.0351, 23.2539, 1.2066.



This preview shows how white text looks on a background with the HunterLab color 13.0351, 23.2539,

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

13.0351, 23.2539, 1.2066

Protanopia

14.4339, 0.5378, -3.9617

Deuteranopia

14.3922, 0.6176, 3.2498



Tritanopia

13.7196, 17.8429, 6.9709

Trichromacy



Original Color

13.0351, 23.2539, 1.2066

Protanomaly

12.7074, 9.1914, -3.5922

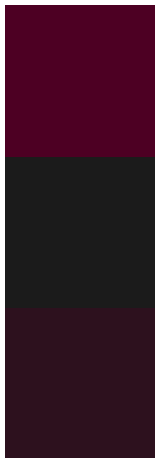
Deuteranomaly

12.7786, 9.6045, 1.3663

Tritanomaly

13.3783, 19.5906, 5.2227

Monochromacy



Original Color

13.0351, 23.2539, 1.2066

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.2593, 8.4401, -0.6291

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.0351, 23.2539, 1.2066 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, 35)` looks like.

```
.text, #text, p{  
    color:rgb(77, 0, 35)  
}
```

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, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 0, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 13.0351, 23.2539, 1.2066 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, 35) }
```


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

```
.border{ border-color:rgb(77, 0, 35) }
```

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, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 0, 35); -webkit-box-shadow:4px  
4px 4px 4px rgb(77, 0, 35); box-shadow:4px  
4px 4px 4px rgb(77, 0, 35) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.0351, 23.2539, 1.2066 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, 35) }
```

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

```
.background{ background-color: rgb(77, 0,  
35) }
```

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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