

Converting Colors

HunterLab(13.0594, 23.3403,
0.8752)

Have a look what the booklet for
HunterLab(13.0594, 23.3403,
0.8752) contains.

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Color

**HunterLab(13.0582, 23.3379,
0.8766)**

Conversions

Conversions Part 1

Format	Color
Hex	4D0024
RGB	77, 0, 36
RGB Percent	30%, 0%, 14%
CMY	0.6980, 1.0000, 0.8588
CMYK	0.00, 1.00, 0.53, 0.70
HSL	332°, 100%, 15%
HSV	332°, 100%, 30%
XYZ	3.3790, 1.7052, 1.8201
YIQ	27.1270, 34.3360, 27.5200

Conversions

Conversions Part 2

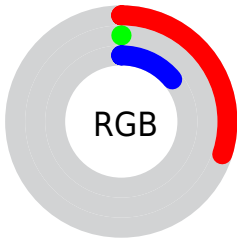
Format	Color
RYB	77, 0, 36
Decimal	5046308
CIELab	13.86, 35.71, 0.34
CIELCh	14, 35.713, 0.546
Yxy	1.7053, 0.4894, 0.2470
Android (android.graphics.Color)	4283236388 (0xFF4D0024)
YUV	27.1270, 4.3744, 43.7386
Hunter-Lab	13.0582, 23.3379, 0.8766

Details

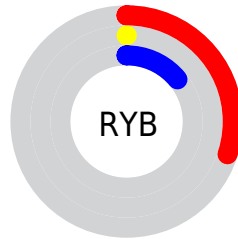
The HunterLab color **13.0582, 23.3379, 0.8766** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **23.3836, -17.6064, 8.7804**, and the grayscale version is **10.4883, -0.5596, 0.5699**.

A 20% lighter version of the original color is **28.2194, 26.3508, 1.9043**, and **3.9929, 6.8379, 2.5801** is the 20% darker color. If you saturate the color by 10%, you get **13.0581, 23.3377, 0.8774**, and if you desaturate by 10%, it is **13.7802, 21.5962, 0.1934**.

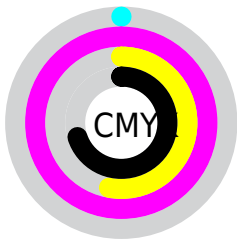
Distribution



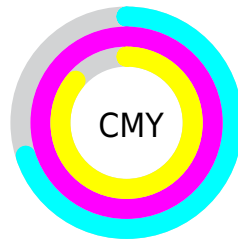
- Red (30%)
- Green (0%)
- Blue (14%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (53%)
- Black (70%)





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


Brightness & Saturation Gradients


These gradients show how the HunterLab color 13.0582, 23.3379, 0.8766 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 13.0582, 23.3379, 0.8766 by changing the saturation by 10% instead.

 13.0582, 23.3379,
0.8766

 13.0582, 23.3379,
0.8766


 105.0296, 33.9552,
6.0517

 6.5350, 25.6361,
0.5717


 28.1780, 26.5071,
1.7491

0.0000, INF, NaN


0.0000, NaN, NaN

 37.0674, 27.9147,
2.2538

0.0000, NaN, NaN


 46.7341, 29.1923,
2.7990

0.0000, NaN, NaN

 57.1199, 30.3487,
3.3821

0.0000, NaN, NaN

0.0000, NaN, NaN


 68.1782, 31.3941,
4.0007


0.0000, NaN, NaN


 79.8702, 32.3381,


0.0000, NaN, NaN


4.6529


 92.1634, 33.1893,
5.3370


 13.0582, 23.3379,
0.8766


 13.0582, 23.3379,
0.8766


 13.0581, 23.3377,
0.8774

 13.7802, 21.5962,
0.1934

 14.5408, 19.9198,
-0.4883

 15.5263, 17.7670,
-0.9248

 16.7307, 15.2579,
-1.1052

 18.1300, 12.5388,
-1.0555

■ 19.6989, 9.7213,
-0.8107

■ 21.4138, 6.8792,
-0.4063

■ 23.2539, 4.0562,
0.1267

■ 25.2020, 1.2750,
0.7624

Harmonies

Analogous

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



13.0586, 19.5557, -11.1941



13.0582, 23.3379, 0.8766



13.0586, 19.2852, 7.3183

Triad

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



13.0586, 23.3365, 0.8770



13.0586, -8.8114, 9.1410



13.0586, -8.5855, -25.6537

Complementary

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



13.0582, 23.3379, 0.8766



23.3836, -17.6064, 8.7804

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.



13.0586, -13.1840, -11.7197



13.0582, 23.3379, 0.8766



13.0586, -13.2977, 7.1311

Square

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



13.0586, 23.3365, 0.8770



13.0586, -0.8729, 9.1410



13.0586, -14.8373, 0.5424



13.0586, -0.5211, -31.8184

Rectangle

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



13.0582, 23.3379, 0.8766



13.0586, 13.2109, 9.1410



13.0586, -14.8373, 0.5424



13.0586, -10.4725, -21.3889

Sweetspot

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



13.0586, 23.3365, 0.8770



27.6471, 9.3646, -0.5954



9.9135, 22.3791, -35.4916



13.9043, 5.2367, -0.3733



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.



13.0586, 23.3365, 0.8770



16.9683, 30.2443, 1.7746



12.6719, 21.1338, 8.1776



13.0921, 0.4652, 0.4392



17.4229, 31.0472, 1.8792



42.1996, 74.7981, 7.6562

Inverse Universe

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



13.0586, 23.3365, 0.8770



16.9683, 30.2443, 1.7746



23.8029, -12.3743, -3.0382



13.0921, 0.4652, 0.4392



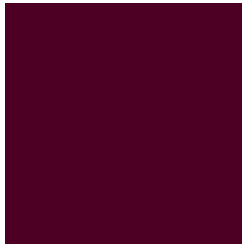
17.4229, 31.0472, 1.8792



42.1996, 74.7981, 7.6562

Previews

White Background



This preview shows how the HunterLab color 13.0582, 23.3379, 0.8766 looks on a white background.

Color Contrast Check

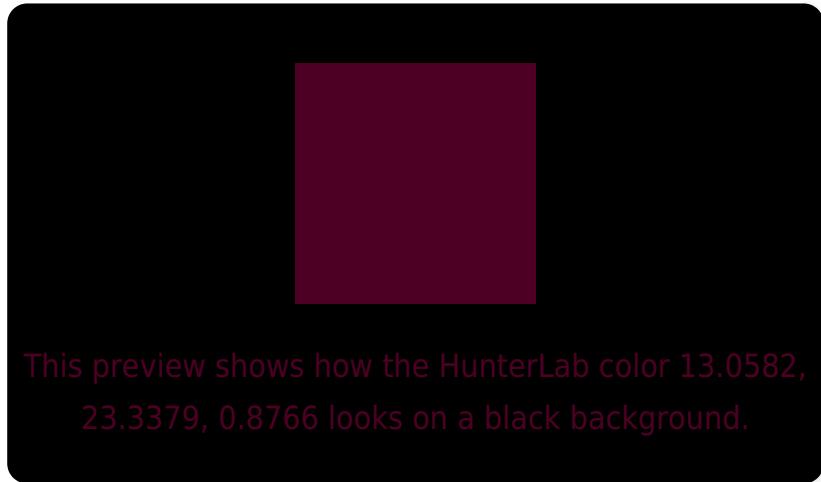
Large Text (above 18pt) WCAG AA ✓ Pass

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

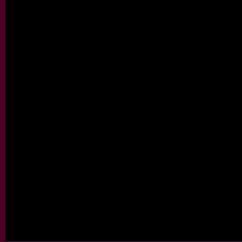
Any Text WCAG AA × Fail

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 13.0582, 23.3379, 0.8766 Background



This preview shows how black text looks on a background with the HunterLab color 13.0582, 23.3379, 0.8766.



This preview shows how white text looks on a background with the HunterLab color 13.0582, 23.3379,

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

13.0582, 23.3379, 0.8766

Protanopia

14.4015, 0.4900, -4.4924

Deuteranopia

14.4114, 0.7207, 2.9733



Tritanopia

13.7196, 17.8429, 6.9709

Trichromacy



Original Color

13.0582, 23.3379, 0.8766

Protanomaly

12.6346, 9.0558, -4.1856

Deuteranomaly

12.8009, 9.7084, 1.0483

Tritanomaly

13.3783, 19.5906, 5.2227

Monochromacy



Original Color

13.0582, 23.3379, 0.8766

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 13.0582, 23.3379, 0.8766 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, 36)` looks like.

```
.text, #text, p{  
    color:rgb(77, 0, 36)  
}
```

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, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 0, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 13.0582, 23.3379, 0.8766 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, 36) }
```


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

```
.border{ border-color:rgb(77, 0, 36) }
```

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, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 0, 36); -webkit-box-shadow:4px  
4px 4px 4px rgb(77, 0, 36); box-shadow:4px  
4px 4px 4px rgb(77, 0, 36) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.0582, 23.3379, 0.8766 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, 36) }
```

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

```
.background{ background-color: rgb(77, 0,  
36) }
```

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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