

Converting Colors

HunterLab(13.3326, 23.9990,
-0.4275)

Have a look what the booklet for
HunterLab(13.3326, 23.9990,
-0.4275) contains.

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Color

**HunterLab(13.3150, 23.9530,
-0.3150)**

Conversions

Conversions Part 1

Format	Color
Hex	4E0028
RGB	78, 0, 40
RGB Percent	31%, 0%, 16%
CMY	0.6941, 1.0000, 0.8431
CMYK	0.00, 1.00, 0.49, 0.69
HSL	329°, 100%, 15%
HSV	329°, 100%, 31%
XYZ	3.5249, 1.7729, 2.1639
YIQ	27.8820, 33.6480, 28.9760

Conversions

Conversions Part 2

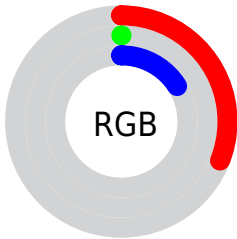
Format	Color
R_{YB}	78, 0, 40
Decimal	5111848
CIE Lab	14.25, 36.36, -2.02
CIE LCh	14, 36.418, 356.816
Yxy	1.7730, 0.4724, 0.2376
Android (android.graphics.Color)	4283301928 (0xFF4E0028)
YUV	27.8820, 5.9742, 43.9535
Hunter-Lab	13.3150, 23.9530, -0.3150

Details

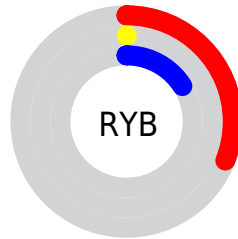
The HunterLab color **13.3150, 23.9530, -0.3150** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **23.6406, -18.1577, 9.6494**, and the grayscale version is **10.7153, -0.5717, 0.5822**.

A 20% lighter version of the original color is **28.4947, 27.3038, 0.1538**, and **4.4315, 7.6385, 2.4802** is the 20% darker color. If you saturate the color by 10%, you get **13.3150, 23.9527, -0.3142**, and if you desaturate by 10%, it is **14.0338, 22.2156, -0.9477**.

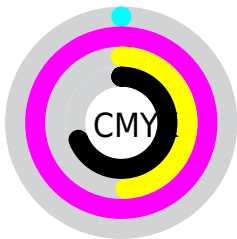
Distribution



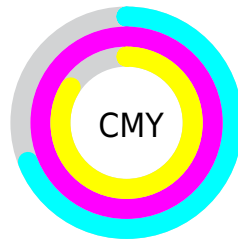
- Red (31%)
- Green (0%)
- Blue (16%)



- Red (31%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (69%)



- Cyan (69%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.3150, 23.9530, -0.3150 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 13.3150, 23.9530, -0.3150 by changing the saturation by 10% instead.

■ 13.3150, 23.9530,
-0.3150

■ 13.3150, 23.9530,
-0.3150

■ 105.5428, 34.7548,
3.7315

■ 6.8575, 25.4053,
-0.8492

■ 28.5094, 27.1575,
0.2325

0.0000, INF, NaN

0.0000, NaN, NaN

■ 37.4304, 28.5859,
0.5984

0.0000, NaN, NaN

■ 47.1262, 29.8850,
1.0156

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.5391, 31.0631,
1.4792

0.0000, NaN, NaN


■ 68.6227, 32.1301,
1.9853


0.0000, NaN, NaN


■ 80.3388, 33.0956,


0.0000, NaN, NaN


2.5310


 92.6548, 33.9680,
3.1138


 13.3150, 23.9530,
-0.3150


 13.3150, 23.9530,
-0.3150


 13.3150, 23.9527,
-0.3142

 14.0338, 22.2156,
-0.9477

 14.7946, 20.5203,
-1.5583

 15.7837, 18.3251,
-1.8930

 16.9946, 15.7562,
-1.9503

 18.4033, 12.9640,
-1.7638

■ 19.9845, 10.0642,
-1.3750

■ 21.7144, 7.1342,
-0.8235

■ 23.5720, 4.2206,
-0.1433

■ 25.5397, 1.3476,
0.6383

Harmonies

Analogous

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



13.3154, 19.1245, -13.3784



13.3150, 23.9530, -0.3150



13.3154, 20.7450, 6.7880

Triad

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



13.3154, 23.9516, -0.3146



13.3154, -8.2204, 9.3208



13.3154, -9.5690, -24.8706

Complementary

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



13.3150, 23.9530, -0.3150



23.6406, -18.1577, 9.6494

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.



13.3154, -13.8406, -10.2273



13.3150, 23.9530, -0.3150



13.3154, -13.1787, 7.8786

Square

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



13.3154, 23.9516, -0.3146



13.3154, 0.3565, 9.3208



13.3154, -15.1039, 1.6866



13.3154, -1.7463, -32.7056

Rectangle

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



13.3150, 23.9530, -0.3150



13.3154, 14.8778, 9.3208



13.3154, -15.1039, 1.6866



13.3154, -11.3475, -20.2269

Sweetspot

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



13.3154, 23.9516, -0.3146



28.4111, 9.8554, -1.1784



9.7805, 22.3707, -37.2750



13.9255, 5.3436, -0.6739



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.



13.3154, 23.9516, -0.3146



17.5370, 31.4621, 0.2512



12.7383, 21.8352, 8.0572



13.0961, 0.4872, 0.3811



42.4746, 75.8009, 3.7112

Inverse Universe

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



13.3154, 23.9516, -0.3146



17.5370, 31.4621, 0.2512



24.4548, -13.2093, -2.0506



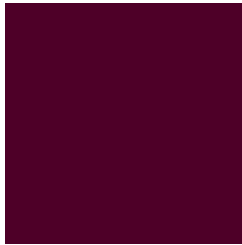
13.0961, 0.4872, 0.3811



42.4746, 75.8009, 3.7112

Previews

White Background



This preview shows how the HunterLab color 13.3150, 23.9530, -0.3150 looks on a white background.

Color Contrast Check

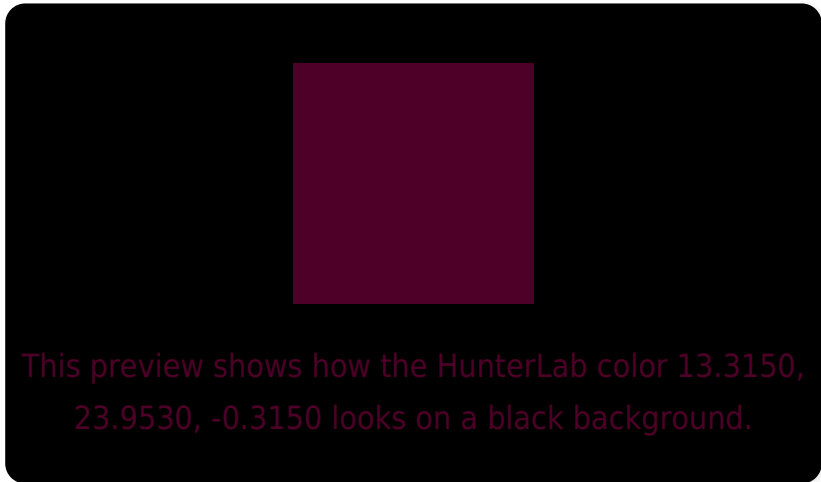
Large Text (above 18pt) WCAG AA ✓ Pass

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

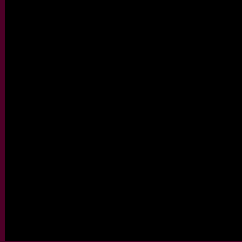
Any Text WCAG AA × Fail

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 13.3150, 23.9530, -0.3150 Background



This preview shows how black text looks on a background with the HunterLab color 13.3150, 23.9530, -0.3150.



This preview shows how white text looks on a background with the HunterLab color 13.3150, 23.9530,

-0.3150.

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

13.3150, 23.9530, -0.3150

Protanopia

14.7662, 0.9430, -6.9577

Deuteranopia

14.7155, 0.7663, 2.0290



Tritanopia

14.0917, 17.6394, 6.9295

Trichromacy



Original Color

13.3150, 23.9530, -0.3150

Protanomaly

12.7988, 9.8247, -6.4502

Deuteranomaly

13.1710, 10.0516, 0.0372

Tritanomaly

13.6567, 19.8162, 4.7692

Monochromacy



Original Color

13.3150, 23.9530, -0.3150

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

10.5723, 8.5754, -0.9986

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.3150, 23.9530, -0.3150 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(78, 0, 40)` looks like.

```
.text, #text, p{  
    color:rgb(78, 0, 40)  
}
```

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(78, 0, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 0, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 13.3150, 23.9530, -0.3150 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(78, 0, 40) }
```

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

```
.border{ border-color:rgb(78, 0, 40) }
```

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

Here you see how a box with a 4 pixel rgb(78, 0, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 0, 40); -webkit-box-shadow:4px  
4px 4px 4px rgb(78, 0, 40); box-shadow:4px  
4px 4px 4px rgb(78, 0, 40) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.3150, 23.9530, -0.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 0, 40) }
```

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

```
.background{ background-color: rgb(78, 0,  
40) }
```

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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