

Converting Colors

HunterLab(12.3257, 14.1400,
0.3485)

Have a look what the booklet for
HunterLab(12.3257, 14.1400,
0.3485) contains.

HunterLab(12.3129, 14.3366, 0.1813)	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(12.3129, 14.3366,
0.1813)**

Conversions

Conversions Part 1

Format	Color
Hex	3E1023
RGB	62, 16, 35
RGB Percent	24%, 6%, 14%
CMY	0.7569, 0.9372, 0.8627
CMYK	0.00, 0.74, 0.44, 0.76
HSL	335°, 59%, 15%
HSV	335°, 74%, 24%
XYZ	2.4753, 1.5161, 1.7523
YIQ	31.9200, 21.3170, 15.6610

Conversions

Conversions Part 2

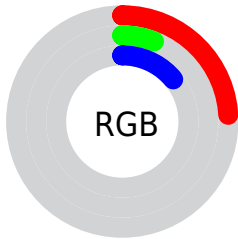
Format	Color
RYB	62, 16, 35
Decimal	4067363
CIELab	12.71, 24.46, -0.99
CIELCh	13, 24.475, 357.672
Yxy	1.5162, 0.4310, 0.2640
Android (android.graphics.Color)	4282257443 (0xFF3E1023)
YUV	31.9200, 1.5184, 26.3802
Hunter-Lab	12.3129, 14.3366, 0.1813




Details

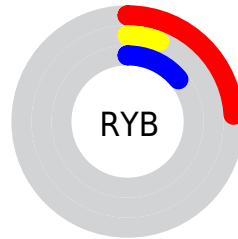
The HunterLab color **12.3129, 14.3366, 0.1813** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **19.3129, -11.8701, 4.6755**, and the grayscale version is **11.9843, -0.6395, 0.6511**.




A 20% lighter version of the original color is **27.3029, 16.3945, 1.0476**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.5663, 15.9509, 0.6327**, and if you desaturate by 10%, it is **13.2282, 12.4433, -0.0945**.

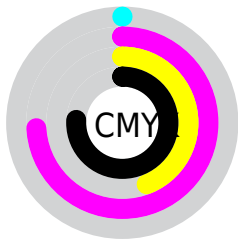
Distribution







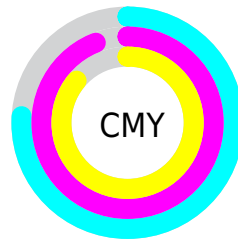
-  Red (24%)
-  Green (6%)
-  Blue (14%)






-  Red (24%)
-  Yellow (6%)
-  Blue (14%)



-  Cyan (0%)
-  Magenta (74%)
-  Yellow (44%)
-  Black (76%)



-  Cyan (76%)
-  Magenta (94%)
-  Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.3129, 14.3366, 0.1813 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 12.3129, 14.3366, 0.1813 by changing the saturation by 10% instead.

■ 12.3129, 14.3366,
0.1813

■ 12.3129, 14.3366,
0.1813

■ 103.5252, 20.8766,
4.6566

■ 5.4778, 19.1822,
-0.4541

■ 27.2111, 16.6301,
0.8499

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.0069, 17.5537,
1.2683

0.0000, NaN, NaN

■ 45.5876, 18.3499,
1.7343

0.0000, NaN, NaN

■ 55.8935, 19.0344,
2.2436

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.8767, 19.6198,
2.7929

0.0000, NaN, NaN

■ 78.4978, 20.1166,

0.0000, NaN, NaN

3.3796

90.7235, 20.5332,
4.0014

12.3129, 14.3366,
0.1813

12.3129, 14.3366,
0.1813

11.5663, 15.9509,
0.6327

13.2282, 12.4433,
-0.0945

10.8851, 17.5525,
1.1254

14.2935, 10.3829,
-0.2058

10.4736, 18.6318,
1.3773

15.4906, 8.2394,
-0.1714

16.8015, 6.0708,
-0.0137

18.2106, 3.9125,
0.2462

■ 19.7045, 1.7837,
0.5900

■ 21.2719, -0.3072,
1.0024

■ 22.9037, -2.3579,
1.4712

■ 24.5923, -4.3699,
1.9868

Harmonies

Analogous

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



12.3132, 11.6640, -7.4493



12.3129, 14.3366, 0.1813



12.3132, 12.3545, 5.0684

Triad

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



12.3132, 14.3357, 0.1816



12.3132, -5.9015, 8.5389



12.3132, -6.6097, -14.0357

Complementary

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



12.3129, 14.3366, 0.1813



19.3129, -11.8701, 4.6755

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.



12.3132, -9.8308, -6.1593



12.3129, 14.3366, 0.1813



12.3132, -9.4790, 5.6480

Square

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



12.3132, 14.3357, 0.1816



12.3132, -0.1501, 8.6193



12.3132, -10.8143, 1.1396



12.3132, -1.1571, -17.8898

Rectangle

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



12.3129, 14.3366, 0.1813



12.3132, 8.8497, 7.3333



12.3132, -10.8143, 1.1396



12.3132, -7.9419, -11.6216

Sweetspot

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



12.3132, 14.3357, 0.1816



24.2052, 4.8222, 0.3719



11.0837, 13.5243, -17.3126



12.3468, 2.5758, 0.1759



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



12.3132, 14.3357, 0.1816



14.5503, 22.4814, 1.5483



12.4744, 11.4739, 5.5570



10.8707, 0.3008, 0.4331



15.9515, 28.2343, 3.1996



40.3387, 70.9806, 11.3426

Inverse Universe

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



12.3132, 14.3357, 0.1816



14.5503, 22.4814, 1.5483



18.7109, -7.8951, -3.0501



10.8707, 0.3008, 0.4331



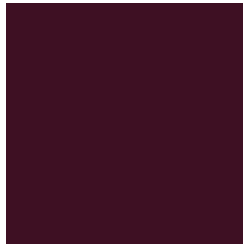
15.9515, 28.2343, 3.1996



40.3387, 70.9806, 11.3426

Previews

White Background



This preview shows how the HunterLab color 12.3129, 14.3366, 0.1813 looks on a white background.

Color Contrast Check

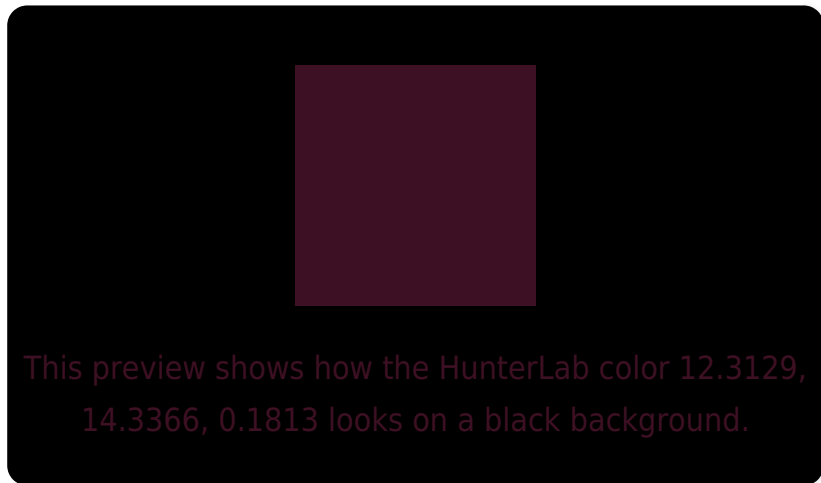
Large Text (above 18pt) WCAG AA ✓ Pass

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

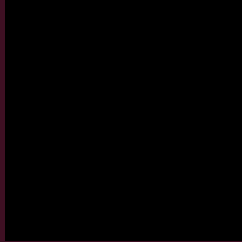
Any Text WCAG AA × Fail

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 12.3129, 14.3366, 0.1813 Background



This preview shows how black text looks on a background with the HunterLab color 12.3129, 14.3366, 0.1813.



This preview shows how white text looks on a background with the HunterLab color 12.3129, 14.3366,

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

12.3129, 14.3366, 0.1813

Protanopia

12.7774, 0.4140, -4.1133

Deuteranopia

12.7627, 0.8134, 1.1943



Tritanopia

12.4361, 11.3931, 4.4800

Trichromacy



Original Color

12.3129, 14.3366, 0.1813

Protanomaly

12.0136, 5.1962, -3.3168

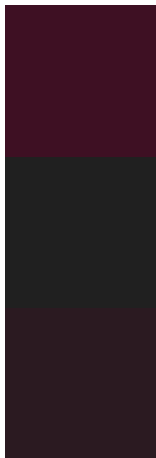
Deuteranomaly

12.2625, 5.5132, 0.3354

Tritanomaly

12.3791, 12.1327, 3.1597

Monochromacy



Original Color

12.3129, 14.3366, 0.1813

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

11.6713, 4.6600, -0.0360

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.3129, 14.3366, 0.1813 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(62, 16, 35)` looks like.

```
.text, #text, p{  
    color:rgb(62, 16, 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(62, 16, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 16, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 12.3129, 14.3366, 0.1813 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(62, 16, 35) }
```


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

```
.border{ border-color:rgb(62, 16, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 16, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 16, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 16, 35);  
box-shadow:4px 4px 4px 4px rgb(62, 16, 35)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.3129, 14.3366, 0.1813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 16, 35) }
```

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

```
.background{ background-color: rgb(62, 16,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor