

Converting Colors

HunterLab(12.1120, 15.3616,
1.9856)

Have a look what the booklet for
HunterLab(12.1120, 15.3616,
1.9856) contains.

HunterLab(12.1101, 15.3626, 2.0401)	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(12.1101, 15.3626,
2.0401)**

Conversions

Conversions Part 1

Format	Color
Hex	400D1D
RGB	64, 13, 29
RGB Percent	25%, 5%, 11%
CMY	0.7490, 0.9490, 0.8863
CMYK	0.00, 0.80, 0.55, 0.75
HSL	341°, 66%, 15%
HSV	341°, 80%, 25%
XYZ	2.4800, 1.4665, 1.3148
YIQ	30.0730, 25.2600, 15.7880

Conversions

Conversions Part 2

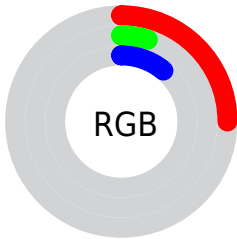
Format	Color
R _Y B	64, 13, 29
Decimal	4197661
CIE Lab	12.39, 25.91, 3.07
CIE LCh	12, 26.094, 6.760
Yxy	1.4666, 0.4714, 0.2787
Android (android.graphics.Color)	4282387741 (0xFF400D1D)
YUV	30.0730, -0.5290, 29.7540
Hunter-Lab	12.1101, 15.3626, 2.0401




Details

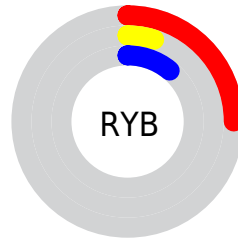
The HunterLab color **12.1101, 15.3626, 2.0401** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **19.9143, -12.1459, 3.7322**, and the grayscale version is **11.4136, -0.6090, 0.6201**.




A 20% lighter version of the original color is **26.9084, 17.9454, 3.3862**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.4098, 16.9112, 2.6620**, and if you desaturate by 10%, it is **12.9673, 13.5672, 1.5165**.

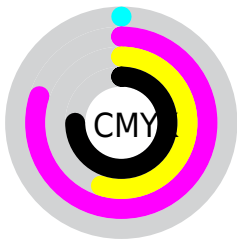
Distribution







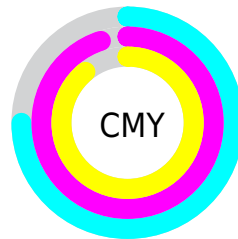
-  Red (25%)
-  Green (5%)
-  Blue (11%)






-  Red (25%)
-  Yellow (5%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (80%)
-  Yellow (55%)
-  Black (75%)





-  Cyan (75%)
-  Magenta (95%)
-  Yellow (89%)


Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.1101, 15.3626, 2.0401 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 12.1101, 15.3626, 2.0401 by changing the saturation by 10% instead.

 12.1101, 15.3626,
2.0401

 12.1101, 15.3626,
2.0401


 103.1120, 22.5172,
8.5726

 5.1484, 21.6816,
2.7533


 26.9466, 17.8022,
3.3181

0.0000, NaN, NaN


0.0000, NaN, NaN

 35.7165, 18.8003,
3.9908

0.0000, NaN, NaN


 45.2734, 19.6686,
4.6893

0.0000, NaN, NaN

 55.5571, 20.4225,
5.4142

0.0000, NaN, NaN

0.0000, NaN, NaN


 66.5196, 21.0746,
6.1653


0.0000, NaN, NaN


 78.1210, 21.6356,


0.0000, NaN, NaN


6.9425


 90.3281, 22.1140,
7.7451


 12.1101, 15.3626,
2.0401


 12.1101, 15.3626,
2.0401


 11.4098, 16.9112,
2.6620


 12.9673, 13.5672,
1.5165


 10.7036, 18.7033,
3.2010

 13.9952, 11.5497,
1.1343

 10.6806, 18.7663,
3.2163

 15.1738, 9.4129,
0.8905

 16.4830, 7.2312,
0.7726

 17.9044, 5.0519,
0.7641

■ 19.4224, 2.9012,
0.8486

■ 21.0235, 0.7916,
1.0109

■ 22.6969, -1.2731,
1.2383

■ 24.4337, -3.2937,
1.5203

Harmonies

Analogous

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



12.1104, 13.9487, -5.3837



12.1101, 15.3626, 2.0401



12.1104, 11.7823, 6.5081

Triad

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



12.1104, 15.3616, 2.0404



12.1104, -7.5509, 8.3183



12.1104, -5.4083, -17.3722

Complementary

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



12.1101, 15.3626, 2.0401



19.9143, -12.1459, 3.7322

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.



12.1104, -9.4926, -9.4628



12.1101, 15.3626, 2.0401



12.1104, -10.5978, 4.6871

Square

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



12.1104, 15.3616, 2.0404



12.1104, -2.1553, 8.4773



12.1104, -11.2943, -0.9067



12.1104, 0.9393, -19.4856

Rectangle

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



12.1101, 15.3626, 2.0401



12.1104, 7.4314, 8.4773



12.1104, -11.2943, -0.9067



12.1104, -7.0413, -15.1506

Sweetspot

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



12.1104, 15.3616, 2.0404



24.4933, 5.3453, 1.0439



11.3263, 16.1313, -18.1291



12.6860, 3.0491, 0.5395



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



12.1104, 15.3616, 2.0404



14.3251, 23.8304, 4.5115



13.0631, 11.0371, 6.5139



11.5944, 0.3057, 0.5649



16.2224, 28.3718, 5.9061



40.4456, 70.3698, 17.5650

Inverse Universe

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



12.1104, 15.3616, 2.0404



14.3251, 23.8304, 4.5115



17.7624, -6.5531, -5.3602



11.5944, 0.3057, 0.5649



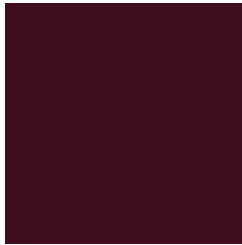
16.2224, 28.3718, 5.9061



40.4456, 70.3698, 17.5650

Previews

White Background



This preview shows how the HunterLab color 12.1101, 15.3626, 2.0401 looks on a white background.

Color Contrast Check

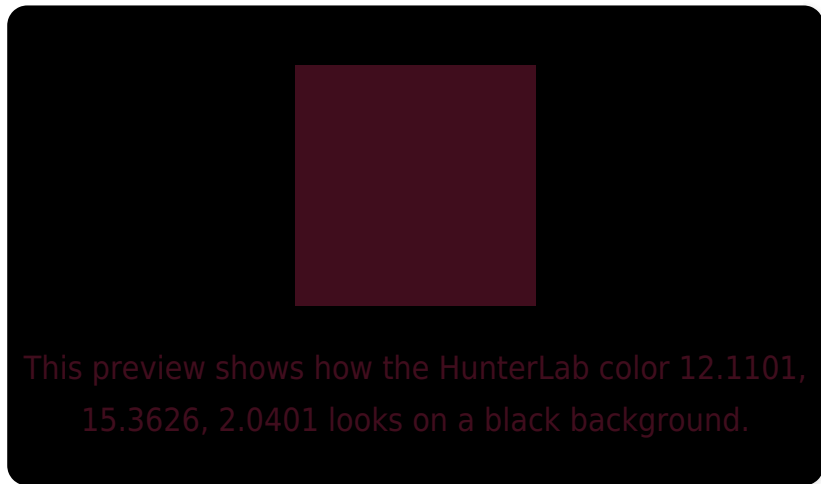
Large Text (above 18pt) WCAG AA ✓ Pass

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

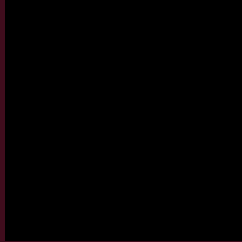
Any Text WCAG AA × Fail

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 12.1101, 15.3626, 2.0401 Background



This preview shows how black text looks on a background with the HunterLab color 12.1101, 15.3626, 2.0401.



This preview shows how white text looks on a background with the HunterLab color 12.1101, 15.3626,

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

12.1101, 15.3626, 2.0401

Protanopia

12.7302, -0.0923, -1.5070

Deuteranopia

12.7199, 0.4283, 3.0122



Tritanopia

12.1153, 13.2208, 5.1016

Trichromacy



Original Color

12.1101, 15.3626, 2.0401

Protanomaly

11.8391, 5.3130, -0.9705

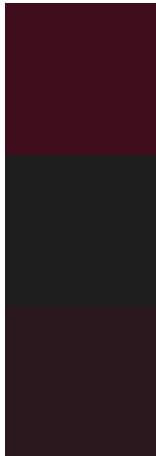
Deuteranomaly

12.1474, 5.8624, 2.2256

Tritanomaly

12.0522, 13.8036, 4.1780

Monochromacy



Original Color

12.1101, 15.3626, 2.0401

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.1321, 4.8244, 0.4021

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.1101, 15.3626, 2.0401 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(64, 13, 29)` looks like.

```
.text, #text, p{  
    color:rgb(64, 13, 29)  
}
```

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(64, 13, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 13, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 12.1101, 15.3626, 2.0401 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(64, 13, 29) }
```


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

```
.border{ border-color:rgb(64, 13, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 13, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 13, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 13, 29);  
box-shadow:4px 4px 4px 4px rgb(64, 13, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.1101, 15.3626, 2.0401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 13, 29) }
```

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

```
.background{ background-color: rgb(64, 13,  
29) }
```

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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