

Converting Colors

HunterLab(12.5171, 13.6203,
-1.2776)

Have a look what the booklet for
HunterLab(12.5171, 13.6203,
-1.2776) contains.

HunterLab(12.5347, 13.7647, -1.1143)	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(12.5347, 13.7647,
-1.1143)**

Conversions

Conversions Part 1

Format	Color
Hex	3D1227
RGB	61, 18, 39
RGB Percent	24%, 7%, 15%
CMY	0.7608, 0.9294, 0.8471
CMYK	0.00, 0.70, 0.36, 0.76
HSL	331°, 54%, 15%
HSV	331°, 70%, 24%
XYZ	2.5070, 1.5712, 2.0906
YIQ	33.2510, 18.8870, 15.6470

Conversions

Conversions Part 2

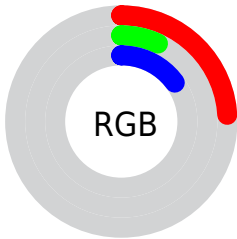
Format	Color
RYB	61, 18, 39
Decimal	4002343
CIELab	13.05, 23.60, -3.46
CIELCh	13, 23.856, 351.656
Yxy	1.5713, 0.4064, 0.2547
Android (android.graphics.Color)	4282192423 (0xFF3D1227)
YUV	33.2510, 2.8343, 24.3359
Hunter-Lab	12.5347, 13.7647, -1.1143




Details

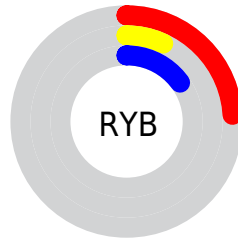
The HunterLab color **12.5347, 13.7647, -1.1143** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **19.0245, -11.7008, 5.2610**, and the grayscale version is **12.3988, -0.6616, 0.6737**.




A 20% lighter version of the original color is **27.4046, 15.9275, -0.9810**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.7444, 15.4886, -0.8692**, and if you desaturate by 10%, it is **13.4819, 11.8009, -1.1691**.

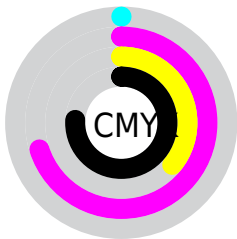
Distribution







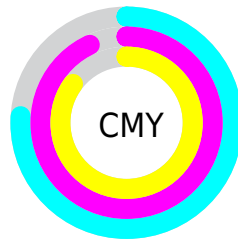
-  Red (24%)
-  Green (7%)
-  Blue (15%)






-  Red (24%)
-  Yellow (7%)
-  Blue (15%)



-  Cyan (0%)
-  Magenta (70%)
-  Yellow (36%)
-  Black (76%)



-  Cyan (76%)
-  Magenta (93%)
-  Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5347, 13.7647, -1.1143 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 12.5347, 13.7647, -1.1143 by changing the saturation by 10% instead.

12.5347, 13.7647,
-1.1143

12.5347, 13.7647,
-1.1143

103.9752, 19.9245,
2.2060

5.8147, 17.4153,
-2.1513

27.4996, 15.9648,
-0.7735

0.0000, NaN, NaN

0.0000, NaN, NaN

36.3236, 16.8420,
-0.4969

0.0000, NaN, NaN

45.9301, 17.5938,
-0.1622

0.0000, NaN, NaN

56.2600, 18.2357,
0.2242

0.0000, NaN, NaN

0.0000, NaN, NaN

67.2658, 18.7804,
0.6576

0.0000, NaN, NaN

78.9082, 19.2381,

0.0000, NaN, NaN

1.1343

91.1541, 19.6172,
1.6513

12.5347, 13.7647,
-1.1143

12.5347, 13.7647,
-1.1143

11.7444, 15.4886,
-0.8692

13.4819, 11.8009,
-1.1691

11.0748, 17.0221,
-0.4859

14.5679, 9.6990,
-1.0573

10.4152, 18.7260,
-0.1665

15.7754, 7.5326,
-0.8053

17.0881, 5.3513,
-0.4389

18.4916, 3.1846,
0.0195

■ 19.9739, 1.0482,
0.5518

■ 21.5248, -1.0512,
1.1435

■ 23.1360, -3.1122,
1.7836

■ 24.8006, -5.1366,
2.4633

Harmonies

Analogous

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



12.5350, 10.3573, -8.8176



12.5347, 13.7647, -1.1143



12.5350, 12.7438, 4.2429

Triad

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



12.5350, 13.7639, -1.1140



12.5350, -4.8466, 8.6636



12.5350, -7.3533, -12.1934

Complementary

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



12.5347, 13.7647, -1.1143



19.0245, -11.7008, 5.2610

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.



12.5350, -10.0836, -4.3779



12.5347, 13.7647, -1.1143



12.5350, -8.8482, 6.2257

Square

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



12.5350, 13.7639, -1.1140



12.5350, 1.1433, 8.7745



12.5350, -10.5812, 2.2467



12.5350, -2.3848, -16.9927

Rectangle

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



12.5347, 13.7647, -1.1143



12.5350, 9.7644, 6.5750



12.5350, -10.5812, 2.2467



12.5350, -8.5188, -9.6908

Sweetspot

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



12.5350, 13.7639, -1.1140



23.6812, 4.5292, -0.0672



11.0036, 11.7998, -16.8014



12.4553, 2.5401, -0.0670



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.



12.5350, 13.7639, -1.1140



14.5288, 21.5771, -0.6659



12.1180, 11.9363, 4.8756



10.8760, 0.3291, 0.3586



16.1124, 28.8208, 0.8928



40.7380, 72.4406, 5.5844

Inverse Universe

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



12.5350, 13.7639, -1.1140



14.5288, 21.5771, -0.6659



19.5013, -8.8595, -1.5610



10.8760, 0.3291, 0.3586



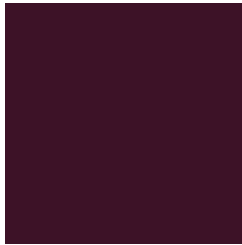
16.1124, 28.8208, 0.8928



40.7380, 72.4406, 5.5844

Previews

White Background



This preview shows how the HunterLab color 12.5347, 13.7647, -1.1143 looks on a white background.

Color Contrast Check

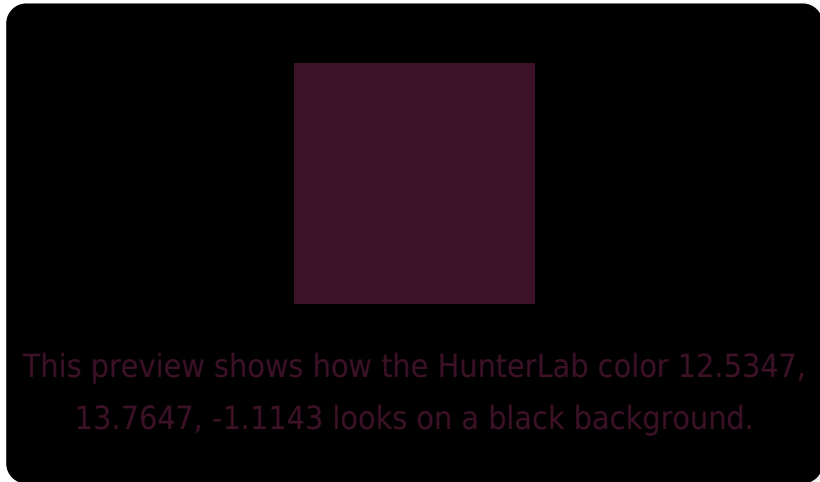
Large Text (above 18pt) WCAG AA ✓ Pass

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

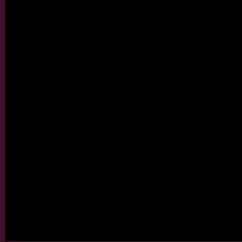
Any Text WCAG AA × Fail

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 12.5347, 13.7647, -1.1143 Background



This preview shows how black text looks on a background with the HunterLab color 12.5347, 13.7647, -1.1143.



This preview shows how white text looks on a background with the HunterLab color 12.5347, 13.7647, -1.1143.

-1.1143.

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

12.5347, 13.7647, -1.1143

Protanopia

13.0705, 0.5094, -5.6255

Deuteranopia

12.9988, 0.6690, 0.0383



Tritanopia

12.6346, 10.4547, 4.1645

Trichromacy



Original Color

12.5347, 13.7647, -1.1143

Protanomaly

12.4395, 4.7338, -4.5717

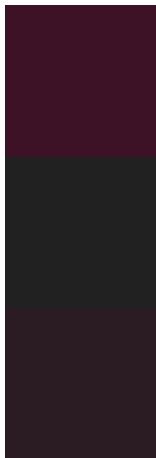
Deuteranomaly

12.4551, 5.3162, -0.9612

Tritanomaly

12.5924, 11.3233, 2.4846

Monochromacy



Original Color

12.5347, 13.7647, -1.1143

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.1056, 4.1017, -0.2567

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5347, 13.7647, -1.1143 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(61, 18, 39)` looks like.

```
.text, #text, p{  
    color:rgb(61, 18, 39)  
}
```

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(61, 18, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 18, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5347, 13.7647, -1.1143 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(61, 18, 39) }
```


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

```
.border{ border-color:rgb(61, 18, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 18, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 18, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 18, 39);  
box-shadow:4px 4px 4px 4px rgb(61, 18, 39)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.5347, 13.7647, -1.1143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 18, 39) }
```

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

```
.background{ background-color: rgb(61, 18,  
39) }
```

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