

Converting Colors

HunterLab(12.9700, -8.1065,
9.0790)

Have a look what the booklet for
HunterLab(12.9700, -8.1065, 9.0790)
contains.

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Color

**HunterLab(13.0374, -7.5887,
7.9007)**

Conversions

Conversions Part 1

Format	Color
Hex	172800
RGB	23, 40, 0
RGB Percent	9%, 16%, 0%
CMY	0.9098, 0.8431, 1.0000
CMYK	0.43, 0.00, 1.00, 0.84
HSL	86°, 100%, 8%
HSV	86°, 100%, 16%
XYZ	1.1121, 1.6997, 0.2695
YIQ	30.3570, 2.7080, -16.0440

Conversions

Conversions Part 2

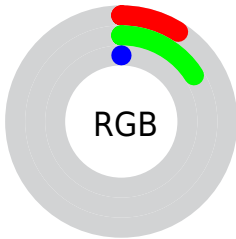
Format	Color
RYB	0, 40, 17
Decimal	1517568
CIELab	13.83, -15.05, 19.98
CIELCh	14, 25.013, 126.977
Yxy	1.6998, 0.3609, 0.5516
Android (android.graphics.Color)	4279707648 (0xFF172800)
YUV	30.3570, -14.9660, -6.4521
Hunter-Lab	13.0374, -7.5887, 7.9007

Details

The HunterLab color **13.0374, -7.5887, 7.9007** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **5.2194, 11.8725, -19.3810**, and the grayscale version is **11.5500, -0.6163, 0.6275**.

A 20% lighter version of the original color is **28.0366, -10.8107, 11.3995**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **13.0377, -7.5891, 7.9009**, and if you desaturate by 10%, it is **13.1503, -7.0733, 7.4613**.

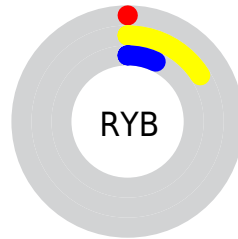
Distribution



Red (9%)

Green (16%)

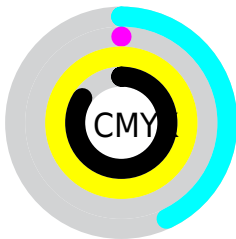
Blue (0%)



Red (0%)

Yellow (16%)

Blue (7%)

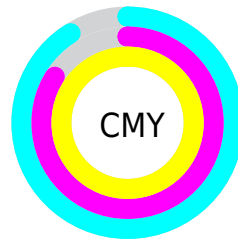


Cyan (43%)

Magenta (0%)

Yellow (100%)

Black (84%)



Cyan (91%)

Magenta (84%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.0374, -7.5887, 7.9007 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 13.0374, -7.5887, 7.9007 by changing the saturation by 10% instead.

■ 13.0374, -7.5887,
7.9007

■ 13.0374, -7.5887,
7.9007

■ 104.9877,
-20.7246, 23.5406

■ 6.5080, -10.4215,
4.5556

■ 28.1510, -10.8545,
11.4930

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.0378, -12.3479,
13.3941

0.0000, NaN, NaN

■ 46.7021, -13.7929,
15.2010

0.0000, NaN, NaN

■ 57.0857, -15.2066,
16.9415

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 68.1419, -16.6000,
18.6343


0.0000, NaN, NaN


■ 79.8320, -17.9807,


0.0000, NaN, NaN


20.2926


 92.1233, -19.3542,
21.9257


 13.0374, -7.5887,
7.9007


 13.0374, -7.5887,
7.9007


 13.0377, -7.5891,
7.9009

 13.1503, -7.0733,
7.4613

 13.2669, -6.5474,
7.0336

 13.3884, -6.0064,
6.6042

 13.5207, -5.4164,
6.0867

 13.6649, -4.7719,
5.4649

■ 13.8212, -4.0740,
4.7378

■ 13.9896, -3.3237,
3.9056

■ 14.1701, -2.5228,
2.9692

■ 14.3627, -1.6732,
1.9302

Harmonies

Analogous

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



13.0377, -2.2280, 9.1264



13.0374, -7.5887, 7.9007



13.0377, -10.5784, 4.6573

Triad

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



13.0377, -7.5890, 7.9008



13.0377, -5.3714, -16.4097



13.0377, 14.7536, 2.1152

Complementary

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



13.0374, -7.5887, 7.9007



5.2194, 11.8725, -19.3810

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.



13.0377, 13.4414, -5.0656



13.0374, -7.5887, 7.9007



13.0377, 0.9094, -18.3149

Square

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



13.0377, -7.5890, 7.9008



13.0377, -9.4907, -9.0502



13.0377, 8.0140, -13.4088



13.0377, 11.3044, 6.3311

Rectangle

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



13.0374, -7.5887, 7.9007



13.0377, -11.2468, 1.3409



13.0377, 8.0140, -13.4088



13.0377, 14.8643, 0.0452

Sweetspot

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



13.0377, -7.5890, 7.9008



17.4349, -4.3231, 5.0730



9.1750, 4.7694, 5.7369



9.5982, -2.3571, 2.7669



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



13.0377, -7.5890, 7.9008



16.2284, -9.7041, 9.8300



12.4063, -10.1926, 7.4661



8.3861, -0.8724, 0.9963



26.4607, -16.4958, 16.0162



71.4334, -46.4486, 43.2038

Inverse Universe

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



5.2194, 11.8725, -19.3810



6.3713, 14.6624, -24.9627



7.3514, 14.6726, -11.4047



7.9816, 0.0109, -0.1376



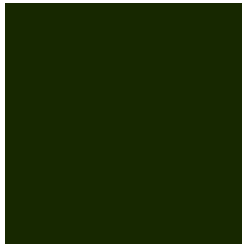
10.0664, 23.6209, -42.9668



26.2818, 63.0272, -122.6963

Previews

White Background



This preview shows how the HunterLab color 13.0374, -7.5887, 7.9007 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 13.0374, -7.5887, 7.9007 Background



This preview shows how black text looks on a background with the HunterLab color 13.0374, -7.5887, 7.9007.



This preview shows how white text looks on a background with the HunterLab color 13.0374, -7.5887,

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

13.0374, -7.5887, 7.9007

Protanopia

13.0877, -2.3641, 8.0232

Deuteranopia

13.1129, 0.1672, 7.0443



Tritanopia

13.1271, -2.2568, -1.0176

Trichromacy



Original Color

13.0374, -7.5887, 7.9007

Protanomaly

12.8966, -4.2817, 7.8719

Deuteranomaly

12.9075, -2.9337, 7.2426

Tritanomaly

12.9461, -4.8062, 3.6812

Monochromacy



Original Color

13.0374, -7.5887, 7.9007

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.9335, -3.8082, 4.2257

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.0374, -7.5887, 7.9007 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(23, 40, 0)` looks like.

```
.text, #text, p{  
    color:rgb(23, 40, 0)  
}
```

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(23, 40, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 40, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 13.0374, -7.5887, 7.9007 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(23, 40, 0) }
```


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

```
.border{ border-color:rgb(23, 40, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 40, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 40, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(23, 40, 0); box-shadow:4px  
4px 4px 4px rgb(23, 40, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.0374, -7.5887, 7.9007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 40, 0) }
```

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

```
.background{ background-color: rgb(23, 40,  
0) }
```

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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