

Converting Colors

HunterLab(17.3141, -13.1124,
8.5397)

Have a look what the booklet for
HunterLab(17.3141, -13.1124,
8.5397) contains.

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Color

**HunterLab(17.4012,
-13.1678, 8.5421)**

Conversions

Conversions Part 1

Format	Color
Hex	093912
RGB	9, 57, 18
RGB Percent	4%, 22%, 7%
CMY	0.9647, 0.7765, 0.9294
CMYK	0.84, 0.00, 0.68, 0.78
HSL	131°, 73%, 13%
HSV	131°, 84%, 22%
XYZ	1.6850, 3.0280, 1.0679
YIQ	38.2020, -16.0890, -22.3050

Conversions

Conversions Part 2

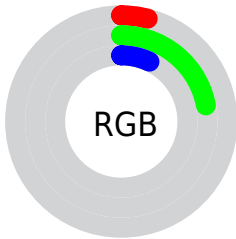
Format	Color
R_YB	9, 49, 57
Decimal	604434
CIE _{Lab}	20.16, -25.47, 19.53
CIE _{LCh}	20, 32.094, 142.526
Yxy	3.0281, 0.2915, 0.5238
Android (android.graphics.Color)	4278794514 (0xFF093912)
YUV	38.2020, -9.9596, -25.6102
Hunter-Lab	17.4012, -13.1678, 8.5421

Details

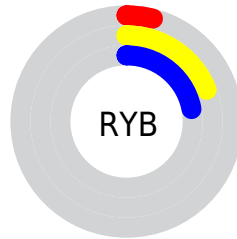
The HunterLab color **17.4012, -13.1678, 8.5421** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **11.3078, 16.8117, -7.3995**, and the grayscale version is **14.0220, -0.7482, 0.7618**.

A 20% lighter version of the original color is **33.7811, -17.9831, 12.5021**, and **1.4734, -1.2634, 0.8858** is the 20% darker color. If you saturate the color by 10%, you get **17.2560, -13.8588, 9.0387**, and if you desaturate by 10%, it is **17.5666, -12.3866, 7.9363**.

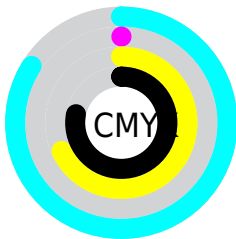
Distribution



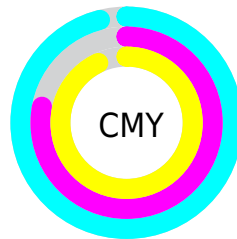
- Red (4%)
- Green (22%)
- Blue (7%)



- Red (4%)
- Yellow (19%)
- Blue (22%)



- Cyan (84%)
- Magenta (0%)
- Yellow (68%)
- Black (78%)



- Cyan (96%)
- Magenta (78%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.4012, -13.1678, 8.5421 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 17.4012, -13.1678, 8.5421 by changing the saturation by 10% instead.

■ 17.4012, -13.1678,
8.5421

■ 17.4012, -13.1678,
8.5421

■ 113.4165,
-31.8503, 24.1748

■ 10.7072, -11.2876,
7.4950

■ 33.6830, -18.0075,
12.5145

■ 1.3152, -2.3017,
0.9207

■ 43.0695, -20.1842,
14.3186

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.1951, -22.2618,
16.0506

0.0000, NaN, NaN

■ 64.0093, -24.2665,
17.7313

0.0000, NaN, NaN

■ 75.4709, -26.2165,
19.3751


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 87.5450, -28.1244,


20.9923


0.0000, NaN, NaN


 100.2021,
-30.0000, 22.5903


 17.4012, -13.1678,
8.5421


 17.4012, -13.1678,
8.5421


 17.2560, -13.8588,
9.0387


 17.5666, -12.3866,
7.9363

 17.1751, -14.2402,
9.2732

 17.7756, -11.4171,
7.2411

 18.0306, -10.2586,
6.4619

 18.3327, -8.9166,
5.6052

 18.6822, -7.4006,
4.6788

■ 19.0786, -5.7228,
3.6910

■ 19.5213, -3.8974,
2.6507

■ 20.0093, -1.9396,
1.5666

■ 20.5411, 0.1351,
0.4470

Harmonies

Analogous

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



17.4016, -7.3803, 10.9647



17.4012, -13.1678, 8.5421



17.4016, -15.5728, 3.0563

Triad

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



17.4016, -13.1680, 8.5422



17.4016, -3.2389, -26.5322



17.4016, 19.3267, 6.3695

Complementary

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



17.4012, -13.1678, 8.5421



11.3078, 16.8117, -7.3995

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.



17.4016, 21.0992, -1.4642



17.4012, -13.1678, 8.5421



17.4016, 6.6240, -23.9099

Square

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



17.4016, -13.1680, 8.5422



17.4016, -10.6941, -19.2156



17.4016, 16.0408, -13.2608



17.4016, 11.6160, 9.9702

Rectangle

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



17.4012, -13.1678, 8.5421



17.4016, -15.3953, -3.2518



17.4016, 16.0408, -13.2608



17.4016, 20.6954, 4.3058

Sweetspot

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



17.4016, -13.1680, 8.5422



24.5586, -7.8423, 5.0295



18.9193, -7.2485, 10.7211



13.1171, -4.3378, 2.7740



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



17.4016, -13.1680, 8.5422



22.1861, -18.5202, 12.2490



17.7488, -11.0449, 3.4883



10.5652, -1.4706, 1.0752



27.6782, -23.2033, 15.4940



71.4008, -60.4213, 41.1876

Inverse Universe

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



11.3078, 16.8117, -7.3995



13.3453, 25.3054, -10.3770



10.6398, 14.1294, 1.9270



10.1732, 0.3938, 0.0455



16.6354, 31.5082, -12.6580



42.8113, 80.8400, -30.6645

Previews

White Background



This preview shows how the HunterLab color 17.4012, -13.1678, 8.5421 looks on a white background.

Color Contrast Check

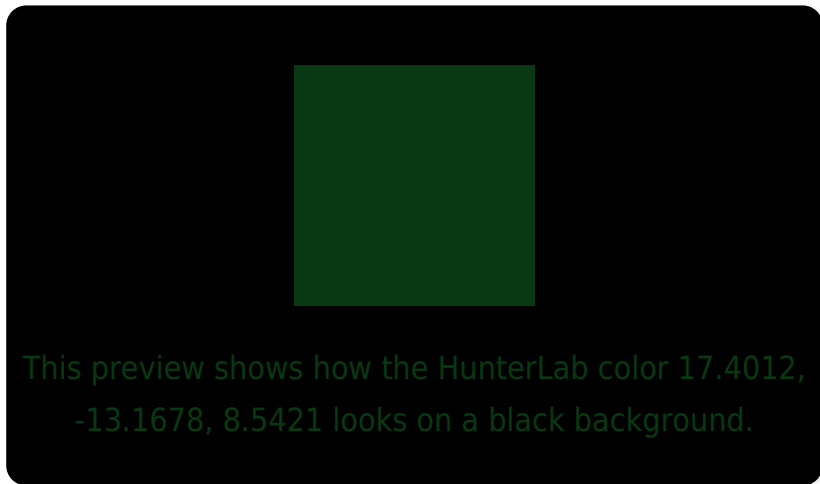
Large Text (above 18pt) WCAG AA ✓ Pass

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

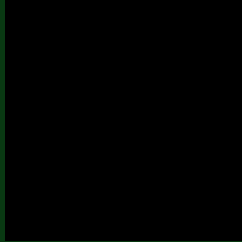
Any Text WCAG AA × Fail

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 17.4012, -13.1678, 8.5421 Background



This preview shows how black text looks on a background with the HunterLab color 17.4012, -13.1678, 8.5421.



This preview shows how white text looks on a background with the HunterLab color 17.4012, -13.1678, 8.5421.

-13.1678, 8.5421.

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

17.4012, -13.1678, 8.5421

Protanopia

17.4535, -2.2412, 9.0503

Deuteranopia

17.5586, 0.6425, 8.2677



Tritanopia

17.4525, -5.8569, -2.9475

Trichromacy



Original Color

17.4012, -13.1678, 8.5421

Protanomaly

17.0544, -7.5672, 8.5327

Deuteranomaly

17.0705, -6.0948, 7.9479

Tritanomaly

17.1791, -9.0352, 2.5395

Monochromacy



Original Color

17.4012, -13.1678, 8.5421

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

14.8617, -6.3381, 3.8752

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.4012, -13.1678, 8.5421 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(9, 57, 18)` looks like.

```
.text, #text, p{  
    color:rgb(9, 57, 18)  
}
```

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(9, 57, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 57, 18) }
```

Border

The CSS property to change the border of an element to HunterLab 17.4012, -13.1678, 8.5421 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(9, 57, 18) }
```


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

```
.border{ border-color:rgb(9, 57, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 57, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 57, 18); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 57, 18); box-shadow:4px  
4px 4px 4px rgb(9, 57, 18) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.4012, -13.1678, 8.5421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 57, 18) }
```

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

```
.background{ background-color: rgb(9, 57,  
18) }
```

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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