

Converting Colors

HunterLab(17.1138, -13.9223,
5.5097)

Have a look what the booklet for
HunterLab(17.1138, -13.9223,
5.5097) contains.

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Color

**HunterLab(17.4084,
-12.7891, 5.8491)**

Conversions

Conversions Part 1

Format	Color
Hex	003920
RGB	0, 57, 32
RGB Percent	0%, 22%, 13%
CMY	1.0000, 0.7765, 0.8745
CMYK	1.00, 0.00, 0.44, 0.78
HSL	154°, 100%, 11%
HSV	154°, 100%, 22%
XYZ	1.7238, 3.0305, 1.8606
YIQ	37.1070, -25.9470, -19.8590

Conversions

Conversions Part 2

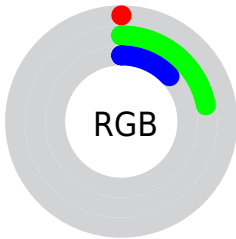
Format	Color
RYB	0, 37, 57
Decimal	14624
CIELab	20.17, -24.52, 10.84
CIELCh	20, 26.809, 156.148
Yxy	3.0306, 0.2606, 0.4581
Android (android.graphics.Color)	4278204704 (0xFF003920)
YUV	37.1070, -2.5178, -32.5428
Hunter-Lab	17.4084, -12.7891, 5.8491

Details

The HunterLab color **17.4084, -12.7891, 5.8491** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **9.6959, 17.3277, 0.6533**, and the grayscale version is **13.6499, -0.7283, 0.7416**.

A 20% lighter version of the original color is **33.7370, -17.6420, 8.4634**, and **1.4734, -1.2634, 0.8858** is the 20% darker color. If you saturate the color by 10%, you get **17.4087, -12.7894, 5.8494**, and if you desaturate by 10%, it is **17.5543, -12.1062, 5.3647**.

Distribution



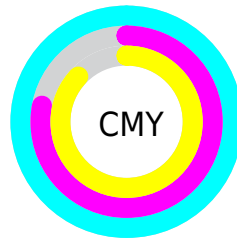
- Red (0%)
- Green (22%)
- Blue (13%)



- Red (0%)
- Yellow (15%)
- Blue (22%)



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (78%)



- Cyan (100%)
- Magenta (78%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.4084, -12.7891, 5.8491 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 17.4084, -12.7891, 5.8491 by changing the saturation by 10% instead.

■ 17.4084, -12.7891,
5.8491

■ 17.4084, -12.7891,
5.8491

■ 113.4299,
-30.9325, 16.5859

■ 10.7133, -10.8980,
4.9120

■ 33.6919, -17.4676,
8.3515

■ 1.3565, -2.3738,
0.9495

■ 43.0792, -19.5772,
9.5438

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.2055, -21.5937,
10.7197

0.0000, NaN, NaN

■ 64.0204, -23.5421,
11.8883

0.0000, NaN, NaN

■ 75.4826, -25.4394,
13.0557


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 87.5573, -27.2979,


14.2259


0.0000, NaN, NaN


 100.2150,
-29.1266, 15.4019


 17.4084, -12.7891,
5.8491


 17.4084, -12.7891,
5.8491


 17.4087, -12.7894,
5.8494

 17.5543, -12.1062,
5.3647

 17.7027, -11.4131,
4.8463

 17.8782, -10.6121,
4.3199

 18.0924, -9.6611,
3.8007

 18.3467, -8.5617,
3.2941

■ 18.6417, -7.3186,
2.8050

■ 18.9777, -5.9391,
2.3376

■ 19.3544, -4.4322,
1.8957

■ 19.7715, -2.8084,
1.4820

Harmonies

Analogous

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



17.4087, -9.0373, 9.0618



17.4084, -12.7891, 5.8491



17.4087, -13.6373, -0.6773

Triad

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



17.4087, -12.7893, 5.8492



17.4087, 0.7323, -20.5029



17.4087, 13.1626, 7.5129

Complementary

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



17.4084, -12.7891, 5.8491



9.6959, 17.3277, 0.6533

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.



17.4087, 16.9586, 2.4296



17.4084, -12.7891, 5.8491



17.4087, 9.0013, -15.2914

Square

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



17.4087, -12.7893, 5.8492



17.4087, -6.6731, -18.2061



17.4087, 15.3136, -5.9922



17.4087, 5.6705, 9.7455

Rectangle

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



17.4084, -12.7891, 5.8491



17.4087, -12.6054, -6.7271



17.4087, 15.3136, -5.9922



17.4087, 14.9690, 6.2017

Sweetspot

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



17.4087, -12.7893, 5.8492



24.4692, -7.9425, 3.1063



17.7240, -12.0800, 10.7098



13.0684, -4.3903, 1.7079



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.



17.4087, -12.7893, 5.8492



22.4824, -16.6791, 7.9042



17.1693, -8.5799, -2.9382



10.5876, -1.3461, 0.7549



28.0418, -20.9425, 10.1589



72.2860, -54.9086, 28.1808

Inverse Universe

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



9.6959, 17.3277, 0.6533



12.4921, 22.2470, 1.4532



9.6529, 14.8829, 6.2084



10.1493, 0.2650, 0.3855



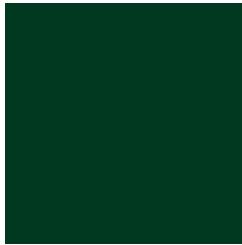
15.5564, 27.6373, 2.3284



39.9432, 70.5269, 9.3539

Previews

White Background



This preview shows how the HunterLab color 17.4084, -12.7891, 5.8491 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

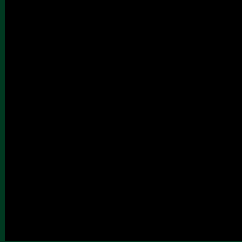
Any Text WCAG AA × Fail

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 17.4084, -12.7891, 5.8491 Background



This preview shows how black text looks on a background with the HunterLab color 17.4084, -12.7891, 5.8491.



This preview shows how white text looks on a background with the HunterLab color 17.4084,

-12.7891, 5.8491.

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

17.4084, -12.7891, 5.8491

Protanopia

17.5203, -1.7117, 6.8323

Deuteranopia

17.5452, 0.9249, 5.7133



Tritanopia

17.6160, -6.5889, -2.7332

Trichromacy



Original Color

17.4084, -12.7891, 5.8491

Protanomaly

16.9994, -7.4670, 6.0602

Deuteranomaly

16.9986, -6.0401, 5.3501

Tritanomaly

17.4347, -9.1483, 0.7016

Monochromacy



Original Color

17.4084, -12.7891, 5.8491

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

14.5496, -6.0686, 2.3794

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.4084, -12.7891, 5.8491 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(0, 57, 32)` looks like.

```
.text, #text, p{  
    color:rgb(0, 57, 32)  
}
```

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(0, 57, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 57, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 17.4084, -12.7891, 5.8491 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(0, 57, 32) }
```


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

```
.border{ border-color:rgb(0, 57, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 57, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 57, 32); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 57, 32); box-shadow:4px  
4px 4px 4px rgb(0, 57, 32) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.4084, -12.7891, 5.8491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 57, 32) }
```

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

```
.background{ background-color: rgb(0, 57,  
32) }
```

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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