

Converting Colors

HunterLab(18.5342, -2.3263,
1.5461)

Have a look what the booklet for
HunterLab(18.5342, -2.3263, 1.5461)
contains.

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Color

**HunterLab(18.5188, -2.3786,
1.7083)**

Conversions

Conversions Part 1

Format	Color
Hex	313532
RGB	49, 53, 50
RGB Percent	19%, 21%, 20%
CMY	0.8078, 0.7922, 0.8039
CMYK	0.08, 0.00, 0.06, 0.79
HSL	135°, 4%, 20%
HSV	135°, 8%, 21%
XYZ	3.1154, 3.4295, 3.5154
YIQ	51.4620, -1.4210, -1.7810

Conversions

Conversions Part 2

Format	Color
R_{YB}	49, 52, 53
Decimal	3224882
CIE _{Lab}	21.69, -2.43, 1.29
CIE _{LCh}	22, 2.755, 151.965
Yxy	3.4296, 0.3097, 0.3409
Android (android.graphics.Color)	4281414962 (0xFF313532)
YUV	51.4620, -0.7208, -2.1592
Hunter-Lab	18.5188, -2.3786, 1.7083

Details

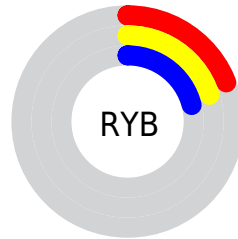
The HunterLab color **18.5188, -2.3786, 1.7083** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.8928, 0.4760, 0.2680**, and the grayscale version is **18.3530, -0.9793, 0.9972**.

A 20% lighter version of the original color is **34.9301, -3.4207, 2.6800**, and **4.3208, -2.7781, 1.4317** is the 20% darker color. If you saturate the color by 10%, you get **18.0905, -4.1027, 2.5954**, and if you desaturate by 10%, it is **18.9870, -0.5493, 0.8013**.

Distribution



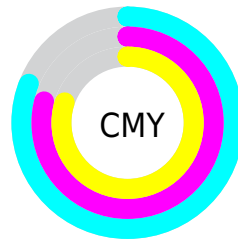
- Red (19%)
- Green (21%)
- Blue (20%)



- Red (19%)
- Yellow (20%)
- Blue (21%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (79%)



- Cyan (81%)
- Magenta (79%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.5188, -2.3786, 1.7083 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 18.5188, -2.3786, 1.7083 by changing the saturation by 10% instead.

■ 18.5188, -2.3786,
1.7083

■ 18.5188, -2.3786,
1.7083

■ 115.4887, -8.7539,
7.5941

■ 11.6616, -1.8077,
1.2309

■ 35.0707, -3.6017,
2.7817

■ 4.3232, -2.6818,
1.4768

■ 44.5741, -4.2558,
3.3735

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.8083, -4.9384,
3.9996

0.0000, NaN, NaN

■ 65.7242, -5.6487,
4.6584

0.0000, NaN, NaN

■ 77.2817, -6.3861,
5.3484

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.4470, -7.1499,

102.1910, -7.9394,
6.8174

■ 18.5188, -2.3786,
1.7083

■ 18.5188, -2.3786,
1.7083

■ 18.0905, -4.1027,
2.5954

■ 18.9870, -0.5493,
0.8013

■ 17.7019, -5.7072,
3.4554

■ 19.4925, 1.3735,
-0.1206

■ 17.3544, -7.1799,
4.2814

■ 20.0344, 3.3766,
-1.0516

■ 17.0484, -8.5092,
5.0666

■ 20.6109, 5.4485,
-1.9872

■ 16.7840, -9.6852,
5.8040

■ 21.2205, 7.5783,
-2.9235

■ 16.5608, -10.7006,
6.4870

■ 21.8616, 9.7565,
-3.8572

■ 16.3780, -11.5515,
7.1098

■ 22.5325, 11.9745,
-4.7858

■ 16.2273, -12.2652,
7.6621

■ 23.2317, 14.2250,
-5.7073

■ 16.0843, -12.9410,
8.1234

■ 23.9576, 16.5018,
-6.6202

Harmonies

Analogous

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



18.5192, -1.8278, 2.2522



18.5188, -2.3786, 1.7083



18.5192, -2.5597, 0.9558

Triad

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



18.5192, -2.3790, 1.7086



18.5192, -0.9343, -0.5769



18.5192, 0.3865, 1.7951

Complementary

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



18.5188, -2.3786, 1.7083



17.8928, 0.4760, 0.2680

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.



18.5192, 0.6356, 1.0601



18.5188, -2.3786, 1.7083



18.5192, -0.1353, -0.3289

Square

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



18.5192, -2.3790, 1.7086



18.5192, -1.7344, -0.3849



18.5192, 0.4430, 0.2790



18.5192, -0.2318, 2.3006

Rectangle

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



18.5188, -2.3786, 1.7083



18.5192, -2.4484, 0.4302



18.5192, 0.4430, 0.2790



18.5192, 0.5167, 1.5678

Sweetspot

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



18.5192, -2.3790, 1.7086



24.2137, -1.7990, 1.5692



18.7034, -1.7733, 2.2827



13.1266, -0.9379, 0.8320



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



18.5192, -2.3790, 1.7086



23.7817, -3.5040, 2.4246



18.5668, -2.1151, 1.0288



9.8114, -1.3197, 0.9356



26.9176, -22.2975, 14.4892



70.5443, -59.1350, 39.4811

Inverse Universe

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



17.8928, 0.4760, 0.2680



22.7714, 1.1012, 0.1012



17.8434, 0.2091, 0.9715



9.4525, 0.3166, 0.1100



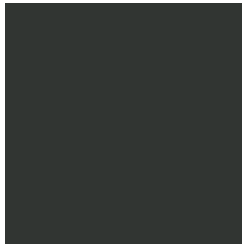
15.9397, 29.8348, -9.3711



41.6439, 77.6285, -22.0209

Previews

White Background



This preview shows how the HunterLab color 18.5188, -2.3786, 1.7083 looks on a white background.

Color Contrast Check

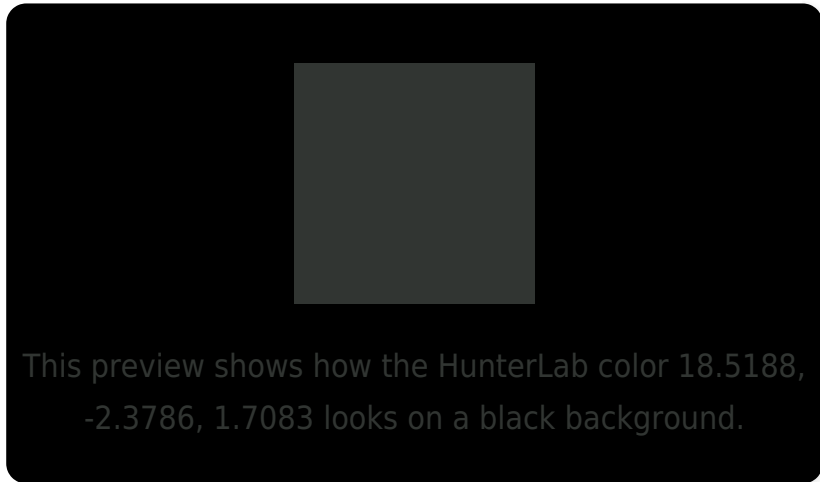
Large Text (above 18pt) WCAG AA ✓ Pass

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

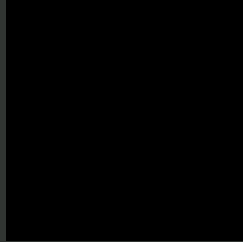
Any Text WCAG AA × Fail

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 18.5188, -2.3786, 1.7083 Background



This preview shows how black text looks on a background with the HunterLab color 18.5188, -2.3786, 1.7083.

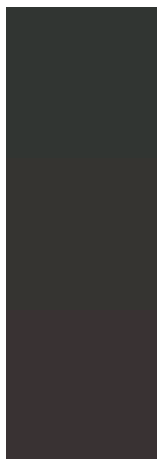


This preview shows how white text looks on a background with the HunterLab color 18.5188, -2.3786, 1.7083.

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

18.5188, -2.3786, 1.7083

Protanopia

18.5327, -1.1241, 2.1041

Deuteranopia

18.4122, 0.9877, 1.2774



Tritanopia

18.4922, -0.9206, -0.6170

Trichromacy



Original Color

18.5188, -2.3786, 1.7083

Protanomaly

18.4602, -1.3773, 2.0185

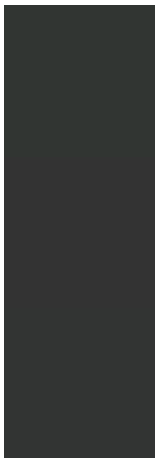
Deuteranomaly

18.4145, -0.2109, 1.2591

Tritanomaly

18.4403, -1.2053, 0.1204

Monochromacy



Original Color

18.5188, -2.3786, 1.7083

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.3660, -1.6138, 1.1781

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.5188, -2.3786, 1.7083 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(49, 53, 50)` looks like.

```
.text, #text, p{  
    color:rgb(49, 53, 50)  
}
```

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(49, 53, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 53, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 18.5188, -2.3786, 1.7083 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(49, 53, 50) }
```


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

```
.border{ border-color:rgb(49, 53, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 53, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 53, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 53, 50);  
box-shadow:4px 4px 4px 4px rgb(49, 53, 50)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.5188, -2.3786, 1.7083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 53, 50) }
```

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

```
.background{ background-color: rgb(49, 53,  
50) }
```

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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