

Converting Colors

HunterLab(18.5983, -2.3857,
1.1316)

Have a look what the booklet for
HunterLab(18.5983, -2.3857, 1.1316)
contains.

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Color

**HunterLab(18.5000, -2.3499,
0.9465)**

Conversions

Conversions Part 1

Format	Color
Hex	303534
RGB	48, 53, 52
RGB Percent	19%, 21%, 20%
CMY	0.8118, 0.7922, 0.7961
CMYK	0.09, 0.00, 0.02, 0.79
HSL	168°, 5%, 20%
HSV	168°, 9%, 21%
XYZ	3.1118, 3.4225, 3.7454
YIQ	51.3910, -2.6590, -1.3710

Conversions

Conversions Part 2

Format	Color
RYB	48, 51, 53
Decimal	3159348
CIELab	21.66, -2.38, -0.11
CIElCh	22, 2.386, 182.619
Yxy	3.4226, 0.3027, 0.3329
Android (android.graphics.Color)	4281349428 (0xFF303534)
YUV	51.3910, 0.3002, -2.9739
Hunter-Lab	18.5000, -2.3499, 0.9465

Details

The HunterLab color **18.5000, -2.3499, 0.9465** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.5858, 0.4838, 1.0477**, and the grayscale version is **18.3260, -0.9778, 0.9957**.

A 20% lighter version of the original color is **34.9073, -3.3941, 1.8237**, and **4.3222, -2.6202, 0.2540** is the 20% darker color. If you saturate the color by 10%, you get **18.1437, -3.6823, 0.9038**, and if you desaturate by 10%, it is **18.8917, -0.9239, 1.0310**.

Distribution



Red (19%)

Green (21%)

Blue (20%)



Red (19%)

Yellow (20%)

Blue (21%)



Cyan (9%)

Magenta (0%)

Yellow (2%)

Black (79%)



Cyan (81%)

Magenta (79%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.5000, -2.3499, 0.9465 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 18.5000, -2.3499, 0.9465 by changing the saturation by 10% instead.

■ 18.5000, -2.3499,
0.9465

■ 18.5000, -2.3499,
0.9465

■ 115.4541, -8.7006,
6.1737

■ 11.6454, -1.7832,
0.5822

■ 35.0474, -3.5660,
1.8332

■ 4.2904, -2.6496,
0.1282

■ 44.5489, -4.2171,
2.3442

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.7813, -4.8969,
2.8955

0.0000, NaN, NaN

■ 65.6955, -5.6046,
3.4842

0.0000, NaN, NaN

■ 77.2514, -6.3395,
4.1081

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.4152, -7.1010,

4.7654

0.0000, NaN, NaN

102.1578, -7.8882,
5.4544

■ 18.5000, -2.3499,
0.9465

■ 18.5000, -2.3499,
0.9465

■ 18.1437, -3.6823,
0.9038

■ 18.8917, -0.9239,
1.0310

■ 17.8222, -4.9115,
0.9027

■ 19.3170, 0.5880,
1.1552

■ 17.5363, -6.0304,
0.9439

■ 19.7752, 2.1767,
1.3177

■ 17.2859, -7.0327,
1.0270

■ 20.2652, 3.8332,
1.5167

■ 17.0706, -7.9137,
1.1508

■ 20.7860, 5.5492,
1.7502

■ 16.8898, -8.6709,
1.3136

■ 21.3363, 7.3169,
2.0160

■ 16.7421, -9.3042,
1.5128

■ 21.9147, 9.1290,
2.3119

■ 16.6153, -9.8595,
1.7325

■ 22.5202, 10.9791,
2.6357

■ 16.4884, -10.4186,
1.9472

■ 23.1513, 12.8613,
2.9854

Harmonies

Analogous

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



18.5004, -2.2009, 1.6023



18.5000, -2.3499, 0.9465



18.5004, -2.1393, 0.2833

Triad

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



18.5004, -2.3503, 0.9468



18.5004, -0.2363, -0.1364



18.5004, -0.3474, 2.1382

Complementary

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



18.5000, -2.3499, 0.9465



17.5858, 0.4838, 1.0477

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.



18.5004, 0.1919, 1.7026



18.5000, -2.3499, 0.9465



18.5004, 0.2567, 0.3913

Square

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



18.5004, -2.3503, 0.9468



18.5004, -0.9249, -0.3568



18.5004, 0.4146, 1.0671



18.5004, -1.0513, 2.2743

Rectangle

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



18.5000, -2.3499, 0.9465



18.5004, -1.8208, -0.0698



18.5004, 0.4146, 1.0671



18.5004, -0.1405, 2.0228

Sweetspot

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



18.5004, -2.3503, 0.9468



24.1789, -1.8893, 1.2836



18.4791, -2.6127, 2.3690



13.0852, -1.0716, 0.6924



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.



18.5004, -2.3503, 0.9468



23.7655, -3.4071, 1.2052



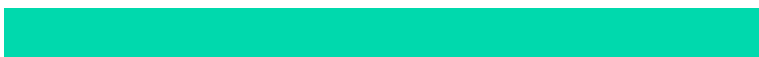
18.1782, -1.6555, 0.1863



9.8415, -1.1531, 0.5068



27.6521, -17.7738, 3.8059



72.4765, -47.2164, 11.3375

Inverse Universe

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



17.5858, 0.4838, 1.0477



22.3235, 1.0627, 1.3650



17.8942, -0.2156, 1.7572



9.4213, 0.1486, 0.5531



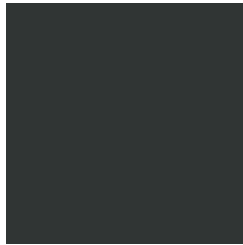
14.7630, 25.5749, 7.2699



38.5884, 66.5431, 21.3748

Previews

White Background



This preview shows how the HunterLab color 18.5000, -2.3499, 0.9465 looks on a white background.

Color Contrast Check

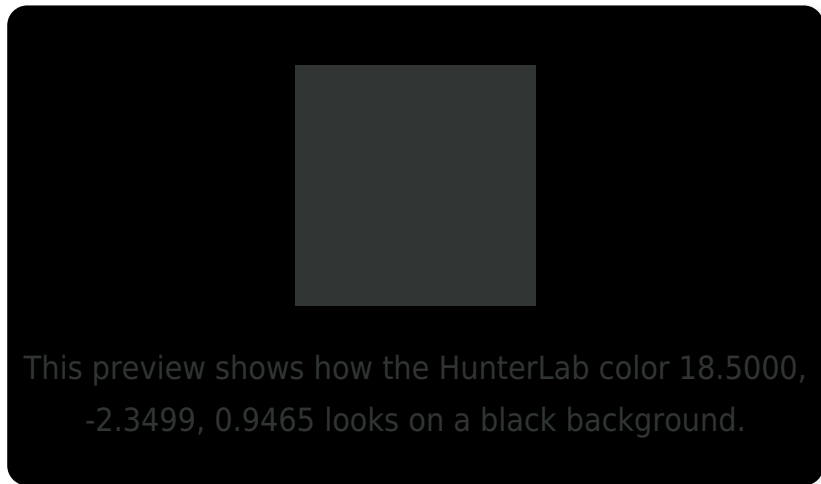
Large Text (above 18pt) WCAG AA ✓ Pass

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

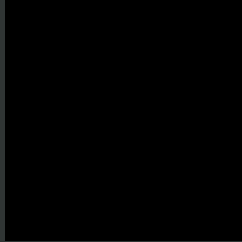
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

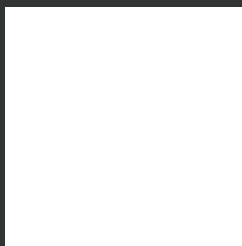
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 18.5000, -2.3499, 0.9465 Background



This preview shows how black text looks on a background with the HunterLab color 18.5000, -2.3499, 0.9465.



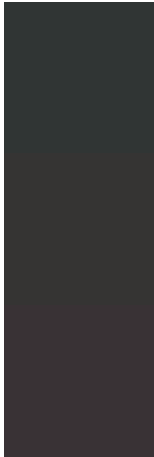
This preview shows how white text looks on a background with the HunterLab color 18.5000, -2.3499,

0.9465.

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

18.5000, -2.3499, 0.9465

Protanopia

18.5792, -0.8692, 1.4385

Deuteranopia

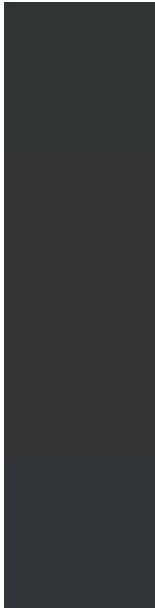
18.4610, 1.2499, 0.5802



Tritanopia

18.4241, -1.1577, -0.7074

Trichromacy



Original Color

18.5000, -2.3499, 0.9465

Protanomaly

18.4359, -1.3690, 1.2637

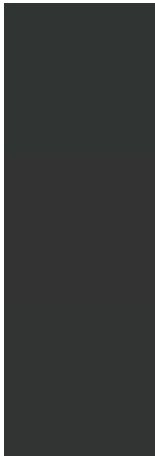
Deuteranomaly

18.4634, 0.0544, 0.5621

Tritanomaly

18.3978, -1.3022, -0.3343

Monochromacy



Original Color

18.5000, -2.3499, 0.9465

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 18.5000, -2.3499, 0.9465 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(48, 53, 52)` looks like.

```
.text, #text, p{  
    color:rgb(48, 53, 52)  
}
```

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(48, 53, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 53, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 18.5000, -2.3499, 0.9465 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(48, 53, 52) }
```


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

```
.border{ border-color:rgb(48, 53, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 53, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 53, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 53, 52);  
box-shadow:4px 4px 4px 4px rgb(48, 53, 52)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.5000, -2.3499, 0.9465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 53, 52) }
```

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

```
.background{ background-color: rgb(48, 53,  
52) }
```

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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