

Converting Colors

HunterLab(18.5495, -2.2731,
1.3796)

Have a look what the booklet for
HunterLab(18.5495, -2.2731, 1.3796)
contains.

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Color

**HunterLab(18.5424, -2.2479,
1.3718)**

Conversions

Conversions Part 1

Format	Color
Hex	313533
RGB	49, 53, 51
RGB Percent	19%, 21%, 20%
CMY	0.8078, 0.7922, 0.8000
CMYK	0.08, 0.00, 0.04, 0.79
HSL	150°, 4%, 20%
HSV	150°, 8%, 21%
XYZ	3.1373, 3.4382, 3.6303
YIQ	51.5760, -1.7420, -1.4700

Conversions

Conversions Part 2

Format	Color
R_{YB}	49, 52, 53
Decimal	3224883
CIE Lab	21.72, -2.20, 0.66
CIE LCh	22, 2.295, 163.188
Yxy	3.4384, 0.3074, 0.3369
Android (android.graphics.Color)	4281414963 (0xFF313533)
YUV	51.5760, -0.2840, -2.2592
Hunter-Lab	18.5424, -2.2479, 1.3718

Details

The HunterLab color **18.5424, -2.2479, 1.3718** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.8679, 0.3413, 0.6229**, and the grayscale version is **18.3900, -0.9812, 0.9992**.

A 20% lighter version of the original color is **34.9566, -3.2743, 2.3011**, and **4.3712, -2.4740, 0.7027** is the 20% darker color. If you saturate the color by 10%, you get **18.1425, -3.8092, 1.8502**, and if you desaturate by 10%, it is **18.9791, -0.5928, 0.9153**.

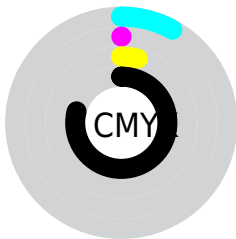
Distribution



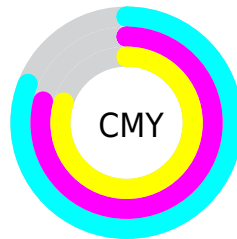
- Red (19%)
- Green (21%)
- Blue (20%)



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



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (79%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.5424, -2.2479, 1.3718 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 18.5424, -2.2479, 1.3718 by changing the saturation by 10% instead.

■ 18.5424, -2.2479,
1.3718

■ 18.5424, -2.2479,
1.3718

■ 115.5321, -8.5076,
6.9610

■ 11.6818, -1.6970,
0.9457

■ 35.0999, -3.4381,
2.3609

■ 4.3640, -2.4264,
0.8679

■ 44.6058, -4.0781,
2.9163

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.8421, -4.7475,
3.5087

0.0000, NaN, NaN

■ 65.7602, -5.4455,
4.1359

0.0000, NaN, NaN

■ 77.3197, -6.1713,
4.7963

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.4868, -6.9241,

5.4881

0.0000, NaN, NaN

102.2327, -7.7031,
6.2101

■ 18.5424, -2.2479,
1.3718

■ 18.5424, -2.2479,
1.3718

■ 18.1425, -3.8092,
1.8502

■ 18.9791, -0.5928,
0.9153

■ 17.7791, -5.2650,
2.3470

■ 19.4502, 1.1465,
0.4819

■ 17.4531, -6.6056,
2.8592

■ 19.9551, 2.9591,
0.0733

■ 17.1649, -7.8218,
3.3830

■ 20.4925, 4.8353,
-0.3096

■ 16.9144, -8.9061,
3.9140

■ 21.0608, 6.7658,
-0.6663

■ 16.7011, -9.8529,
4.4474

■ 21.6588, 8.7422,
-0.9968

■ 16.5242, -10.6595,
4.9781

■ 22.2850, 10.7571,
-1.3013

■ 16.3757, -11.3532,
5.4946

■ 22.9381, 12.8039,
-1.5804

■ 16.2312, -12.0305,
5.9717

■ 23.6166, 14.8769,
-1.8349

Harmonies

Analogous

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



18.5428, -1.8932, 1.9096



18.5424, -2.2479, 1.3718



18.5428, -2.2695, 0.7179

Triad

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



18.5428, -2.2483, 1.3721



18.5428, -0.6855, -0.2672



18.5428, -0.0092, 1.8558

Complementary

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



18.5424, -2.2479, 1.3718



17.8679, 0.3413, 0.6229

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.



18.5428, 0.3244, 1.2961



18.5424, -2.2479, 1.3718



18.5428, -0.0699, 0.0615

Square

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



18.5428, -2.2483, 1.3721



18.5428, -1.3741, -0.2450



18.5428, 0.3020, 0.6391



18.5428, -0.6036, 2.1818

Rectangle

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



18.5424, -2.2479, 1.3718



18.5428, -2.0920, 0.3023



18.5428, 0.3020, 0.6391



18.5428, 0.1375, 1.6896

Sweetspot

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



18.5428, -2.2483, 1.3721



24.2223, -1.7513, 1.4455



18.6378, -2.0049, 2.2056



13.1307, -0.9156, 0.7740



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.



18.5428, -2.2483, 1.3721



23.8193, -3.2942, 1.8856



18.5897, -1.9884, 0.7027



9.8249, -1.2449, 0.7432



27.1531, -20.8320, 11.0313



71.1245, -55.5181, 30.9483

Inverse Universe

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



17.8679, 0.3413, 0.6229



22.7309, 0.8832, 0.6775



17.8211, 0.0878, 1.2908



9.4381, 0.2393, 0.3138



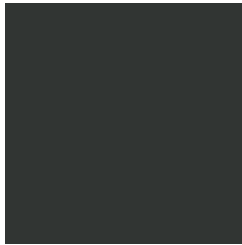
15.2412, 27.3258, 0.3535



39.7553, 70.8275, 4.4081

Previews

White Background



This preview shows how the HunterLab color 18.5424, -2.2479, 1.3718 looks on a white background.

Color Contrast Check

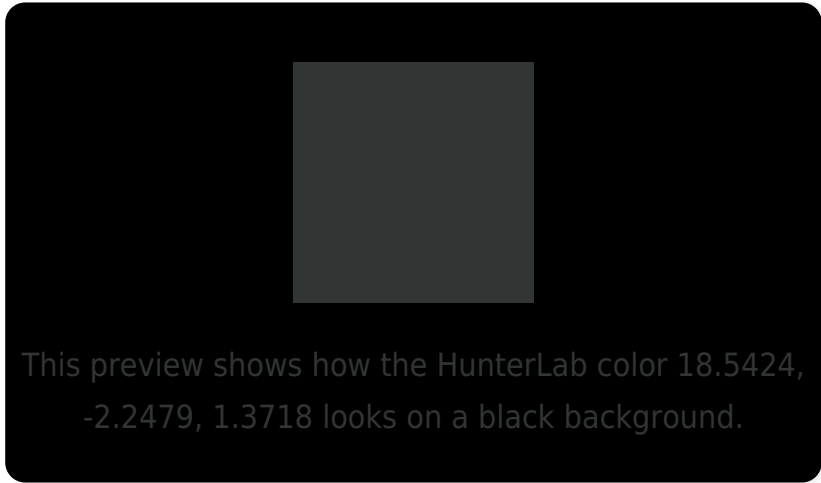
Large Text (above 18pt) WCAG AA ✓ Pass

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

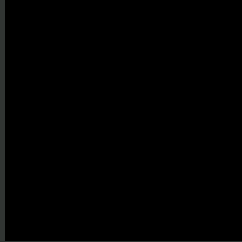
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

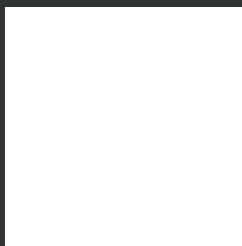
Any Text WCAG AAA × Fail

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

HunterLab 18.5424, -2.2479, 1.3718 Background



This preview shows how black text looks on a background with the HunterLab color 18.5424, -2.2479, 1.3718.

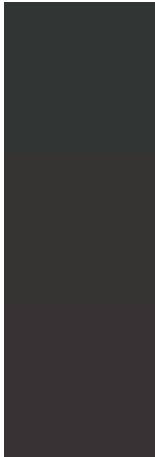


This preview shows how white text looks on a background with the HunterLab color 18.5424, -2.2479, 1.3718.

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

18.5424, -2.2479, 1.3718

Protanopia

18.5557, -0.9979, 1.7745

Deuteranopia

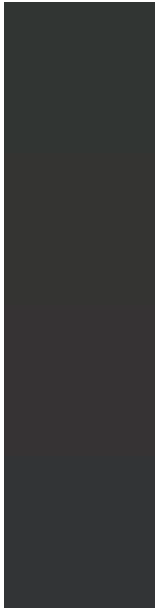
18.4364, 1.1176, 0.9320



Tritanopia

18.4922, -0.9206, -0.6170

Trichromacy



Original Color

18.5424, -2.2479, 1.3718

Protanomaly

18.4833, -1.2503, 1.6877

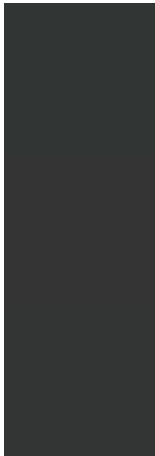
Deuteranomaly

18.4387, -0.0795, 0.9138

Tritanomaly

18.4403, -1.2053, 0.1204

Monochromacy



Original Color

18.5424, -2.2479, 1.3718

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.4600, -1.2362, 0.9188

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.5424, -2.2479, 1.3718 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, 51)` looks like.

```
.text, #text, p{  
    color:rgb(49, 53, 51)  
}
```

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, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 53, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 18.5424, -2.2479, 1.3718 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, 51) }
```


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

```
.border{ border-color:rgb(49, 53, 51) }
```

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, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 53, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 53, 51);  
box-shadow:4px 4px 4px 4px rgb(49, 53, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.5424, -2.2479, 1.3718 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, 51) }
```

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

```
.background{ background-color: rgb(49, 53,  
51) }
```

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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