

Converting Colors

HunterLab(17.8908, -0.3686,
-1.2993)

Have a look what the booklet for
HunterLab(17.8908, -0.3686,
-1.2993) contains.

HunterLab(17.9435, -0.3535, -1.3120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(17.9435, -0.3535,
-1.3120)**

Conversions

Conversions Part 1

Format	Color
Hex	313238
RGB	49, 50, 56
RGB Percent	19%, 20%, 22%
CMY	0.8078, 0.8039, 0.7804
CMYK	0.13, 0.11, 0.00, 0.78
HSL	231°, 7%, 21%
HSV	231°, 13%, 22%
XYZ	3.1210, 3.2197, 4.1984
YIQ	50.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

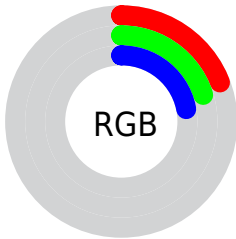
Format	Color
R_{YB}	49, 50, 56
Decimal	3224120
CIE Lab	20.90, 1.05, -3.94
CIE LCh	21, 4.077, 284.866
Yxy	3.2198, 0.2961, 0.3055
Android (android.graphics.Color)	4281414200 (0xFF313238)
YUV	50.3850, 2.7682, -1.2146
Hunter-Lab	17.9435, -0.3535, -1.3120

Details

The HunterLab color **17.9435, -0.3535, -1.3120** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.4804, -1.5483, 3.1327**, and the grayscale version is **17.9804, -0.9594, 0.9769**.

A 20% lighter version of the original color is **34.3190, -1.0226, -1.0394**, and **3.1723, 1.0726, -5.1430** is the 20% darker color. If you saturate the color by 10%, you get **16.4318, 0.2820, -3.3698**, and if you desaturate by 10%, it is **19.4936, -0.9264, 0.6160**.

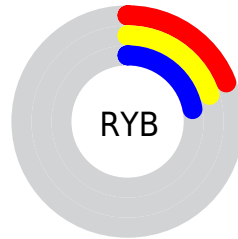
Distribution



Red (19%)

Green (20%)

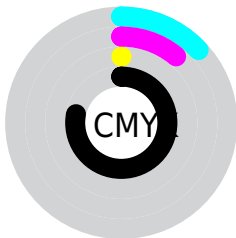
Blue (22%)



Red (19%)

Yellow (20%)

Blue (22%)

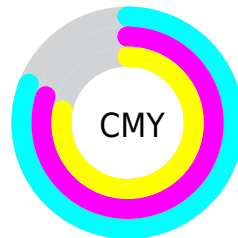


Cyan (13%)

Magenta (11%)

Yellow (0%)

Black (78%)



Cyan (81%)

Magenta (80%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.9435, -0.3535, -1.3120 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 17.9435, -0.3535, -1.3120 by changing the saturation by 10% instead.

■ 17.9435, -0.3535,
-1.3120

■ 17.9435, -0.3535,
-1.3120

■ 114.4258, -4.9958,
2.1649

■ 11.1694, -0.0791,
-1.3903

■ 34.3576, -1.0861,
-0.9113

■ 3.1628, 1.2722,
-4.9925

■ 43.8013, -1.5279,
-0.6140

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.9800, -2.0134,
-0.2621

0.0000, NaN, NaN

■ 64.8440, -2.5392,
0.1391

0.0000, NaN, NaN

■ 76.3524, -3.1024,
0.5854

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.4711, -3.7008,

1.0735

0.0000, NaN, NaN

101.1707, -4.3325,
1.6008

■ 17.9435, -0.3535,
-1.3120

■ 17.9435, -0.3535,
-1.3120

■ 16.4318, 0.2820,
-3.3698

■ 19.4936, -0.9264,
0.6160

■ 14.9623, 0.9955,
-5.5888

■ 21.0770, -1.4472,
2.4375

■ 13.5415, 1.8047,
-8.0057

■ 22.6910, -1.9251,
4.1723

■ 12.1775, 2.7318,
-10.6648

■ 24.3331, -2.3675,
5.8361

■ 10.8811, 3.8031,
-13.6153

■ 26.0011, -2.7800,
7.4415

■ 9.6665, 5.0463,
-16.9035

■ 27.6931, -3.1675,
8.9987

■ 8.5529, 6.4843,
-20.5526

■ 29.4077, -3.5337,
10.5158

■ 7.5243, 8.0208,
-24.7047

■ 31.1435, -3.8818,
11.9997

■ 6.7777, 9.2277,
-28.3915

■ 32.8994, -4.2142,
13.4560

Harmonies

Analogous

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



17.9439, -1.5655, -1.3086



17.9435, -0.3535, -1.3120



17.9439, 0.7231, -0.6744

Triad

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



17.9439, -0.3539, -1.3117



17.9439, 0.7311, 2.4777



17.9439, -3.1627, 1.5485

Complementary

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



17.9435, -0.3535, -1.3120



19.4804, -1.5483, 3.1327

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.



17.9439, -2.5801, 2.4845



17.9435, -0.3535, -1.3120



17.9439, -0.3431, 2.9962

Square

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



17.9439, -0.3539, -1.3117



17.9439, 1.3607, 1.5387



17.9439, -1.5550, 2.9985



17.9439, -3.1654, 0.3960

Rectangle

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



17.9435, -0.3535, -1.3120



17.9439, 1.2105, 0.0049



17.9439, -1.5550, 2.9985



17.9439, -3.0289, 1.8971

Sweetspot

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



17.9439, -0.3539, -1.3117



25.2833, -1.0951, 0.3886



19.3823, -2.8902, 0.8553



13.4974, -0.5719, 0.1588



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.



17.9439, -0.3539, -1.3117



22.9409, -0.2022, -2.5883



17.8822, 0.6503, -1.3747



10.0851, -0.3252, -0.2685



10.2972, 17.8384, -51.3785



24.7572, 52.7498, -144.8160

Inverse Universe

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



18.0768, 1.0007, 1.2584



23.1697, 2.0402, 1.7306



19.5500, -2.5675, 3.1892



10.1310, 0.1660, 0.6468



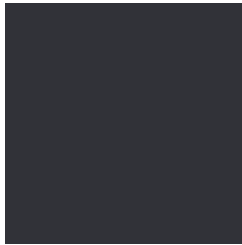
15.1473, 26.1343, 8.2839



38.9968, 67.0417, 23.1944

Previews

White Background



This preview shows how the HunterLab color 17.9435, -0.3535, -1.3120 looks on a white background.

Color Contrast Check

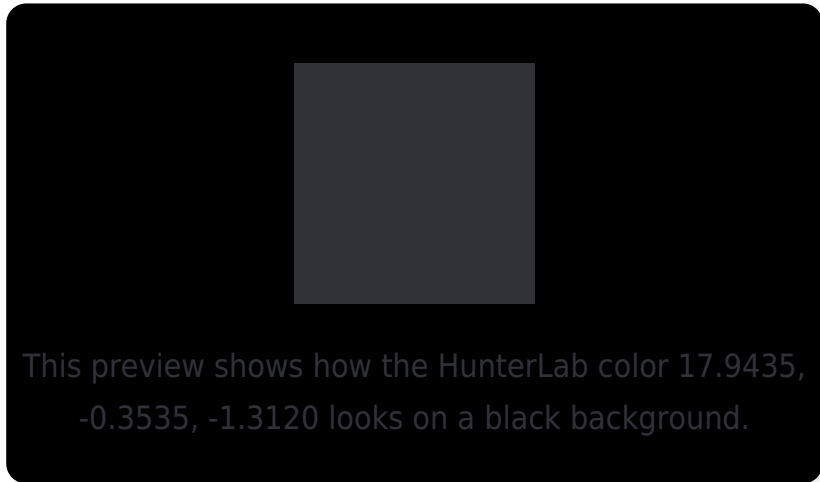
Large Text (above 18pt) WCAG AA ✓ Pass

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

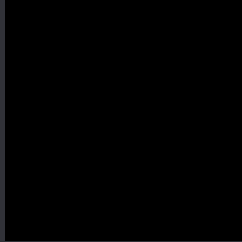
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

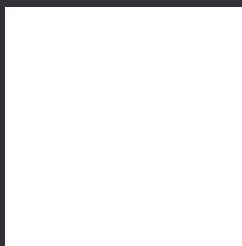
Any Text WCAG AAA × Fail

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

HunterLab 17.9435, -0.3535, -1.3120 Background



This preview shows how black text looks on a background with the HunterLab color 17.9435, -0.3535, -1.3120.



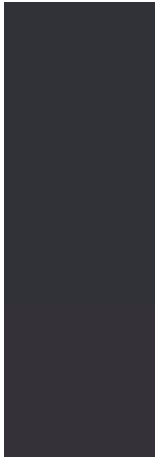
This preview shows how white text looks on a background with the HunterLab color 17.9435, -0.3535, -1.3120.

-1.3120.

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

17.9435, -0.3535, -1.3120

Protanopia

17.9435, -0.3535, -1.3120

Deuteranopia

17.9226, 0.7875, -1.3192



Tritanopia

17.8900, -0.6454, -0.5540

Trichromacy



Original Color

17.9435, -0.3535, -1.3120

Protanomaly

17.9435, -0.3535, -1.3120

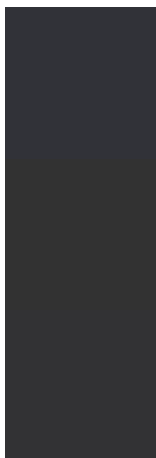
Deuteranomaly

17.8492, 0.5388, -1.4197

Tritanomaly

17.9165, -0.5007, -0.9297

Monochromacy



Original Color

17.9435, -0.3535, -1.3120

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.9088, -0.6831, 0.2676

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.9435, -0.3535, -1.3120 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, 50, 56)` looks like.

```
.text, #text, p{  
    color:rgb(49, 50, 56)  
}
```

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, 50, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 50, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 17.9435, -0.3535, -1.3120 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, 50, 56) }
```


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

```
.border{ border-color:rgb(49, 50, 56) }
```

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

Here you see how a box with a 4 pixel rgb(49, 50, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 50, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 50, 56);  
box-shadow:4px 4px 4px 4px rgb(49, 50, 56)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.9435, -0.3535, -1.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 50, 56) }
```

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

```
.background{ background-color: rgb(49, 50,  
56) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor