

Converting Colors

HunterLab(17.7666, 0.2346,
1.3616)

Have a look what the booklet for
HunterLab(17.7666, 0.2346, 1.3616)
contains.

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Color

**HunterLab(17.8193, 0.0790,
1.3133)**

Conversions

Conversions Part 1

Format	Color
Hex	353131
RGB	53, 49, 49
RGB Percent	21%, 19%, 19%
CMY	0.7922, 0.8078, 0.8078
CMYK	0.00, 0.08, 0.08, 0.79
HSL	0°, 4%, 20%
HSV	0°, 8%, 21%
XYZ	3.1209, 3.1753, 3.3541
YIQ	50.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

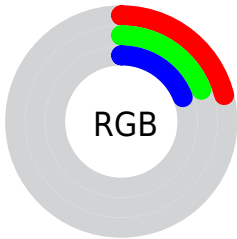
Format	Color
R_{YB}	53, 49, 49
Decimal	3486001
CIE Lab	20.73, 1.78, 0.64
CIE LCh	21, 1.889, 19.704
Yxy	3.1754, 0.3234, 0.3290
Android (android.graphics.Color)	4281676081 (0xFF353131)
YUV	50.1960, -0.5896, 2.4591
Hunter-Lab	17.8193, 0.0790, 1.3133

Details

The HunterLab color **17.8193, 0.0790, 1.3133** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.5908, -1.9786, 0.6790**, and the grayscale version is **17.9268, -0.9565, 0.9740**.

A 20% lighter version of the original color is **34.2344, -0.4008, 2.3379**, and **2.7482, 2.7559, 1.1221** is the 20% darker color. If you saturate the color by 10%, you get **16.4797, 1.5632, 1.7149**, and if you desaturate by 10%, it is **19.2157, -1.3534, 0.9339**.

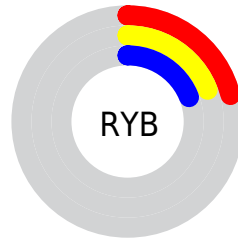
Distribution



Red (21%)

Green (19%)

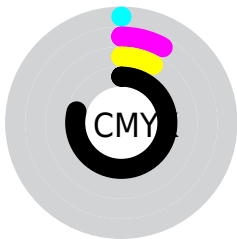
Blue (19%)



Red (21%)

Yellow (19%)

Blue (19%)

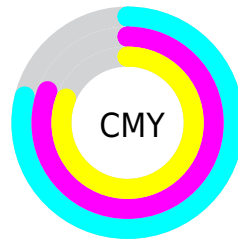


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (79%)



Cyan (79%)

Magenta (81%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.8193, 0.0790, 1.3133 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 17.8193, 0.0790, 1.3133 by changing the saturation by 10% instead.

■ 17.8193, 0.0790,
1.3133

■ 17.8193, 0.0790,
1.3133

■ 114.1953, -4.2007,
6.8588

■ 11.0634, 0.2917,
0.8942

■ 34.2033, -0.5515,
2.2903

■ 2.8489, 2.5682,
1.0819

■ 43.6340, -0.9488,
2.8404

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.8006, -1.3931,
3.4278

0.0000, NaN, NaN

■ 64.6533, -1.8802,
4.0503

0.0000, NaN, NaN

■ 76.1511, -2.4069,
4.7062

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.2596, -2.9707,

100.9495, -3.5692,
6.1117

■ 17.8193, 0.0790,
1.3133

■ 17.8193, 0.0790,
1.3133

■ 16.4797, 1.5632,
1.7149

■ 19.2157, -1.3534,
0.9339

■ 15.2042, 3.1035,
2.1395

■ 20.6610, -2.7373,
0.5739

■ 14.0031, 4.6977,
2.5875

■ 22.1500, -4.0788,
0.2312

■ 12.8887, 6.3365,
3.0565

■ 23.6781, -5.3832,
-0.0963

■ 11.8753, 7.9975,
3.5402

■ 25.2414, -6.6557,
-0.4106

■ 10.9793, 9.6391,
4.0258

■ 26.8368, -7.9010,
-0.7135

■ 10.2176, 11.1954,
4.4922

■ 28.4616, -9.1232,
-1.0065

■ 9.5651, 12.6746,
4.9411

■ 30.1135, -10.3258,
-1.2910

■ 8.8785, 14.4108,
5.4739

■ 31.7905, -11.5120,
-1.5682

Harmonies

Analogous

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



17.8197, 0.1255, 0.7850



17.8193, 0.0790, 1.3133



17.8197, -0.2465, 1.7374

Triad

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



17.8197, 0.0785, 1.3136



17.8197, -1.7697, 1.6230



17.8197, -1.1448, -0.0729

Complementary

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



17.8193, 0.0790, 1.3133



18.5908, -1.9786, 0.6790

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.



17.8197, -1.6463, 0.1668



17.8193, 0.0790, 1.3133



17.8197, -2.0041, 1.1530

Square

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



17.8197, 0.0785, 1.3136



17.8197, -1.3152, 1.9122



17.8197, -1.9592, 0.6194



17.8197, -0.5854, -0.0267

Rectangle

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



17.8193, 0.0790, 1.3133



17.8197, -0.5748, 1.9087



17.8197, -1.9592, 0.6194



17.8197, -1.3256, -0.0228

Sweetspot

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



17.8197, 0.0785, 1.3136



23.9614, -0.9128, 1.4246



17.9182, 0.6128, -0.0933



13.0085, -0.5230, 0.7642



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.



17.8197, 0.0785, 1.3136



22.6532, 0.4615, 1.7912



18.2930, -0.7248, 1.8414



9.4105, 0.0891, 0.7097



14.6177, 25.0239, 9.4454



38.3598, 65.6836, 24.7870

Inverse Universe

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



18.5908, -1.9786, 0.6790



23.8973, -2.8583, 0.7671



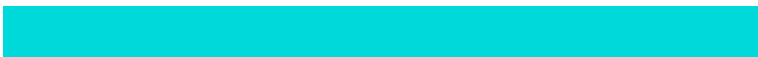
18.1045, -1.1865, 0.1046



9.8526, -1.0903, 0.3458



28.1208, -14.9035, -2.9762



73.7990, -39.1110, -7.8129

Previews

White Background



This preview shows how the HunterLab color 17.8193, 0.0790, 1.3133 looks on a white background.

Color Contrast Check

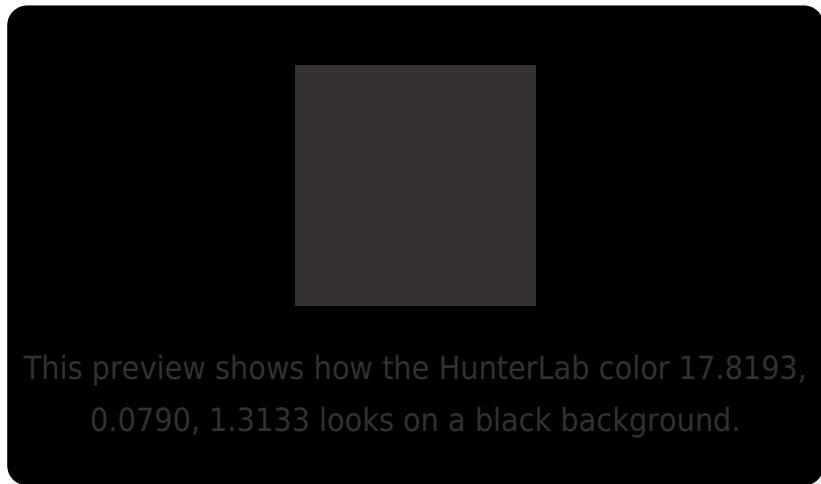
Large Text (above 18pt) WCAG AA ✓ Pass

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

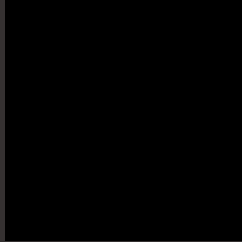
Any Text WCAG AA × Fail

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 17.8193, 0.0790, 1.3133 Background



This preview shows how black text looks on a background with the HunterLab color 17.8193, 0.0790, 1.3133.

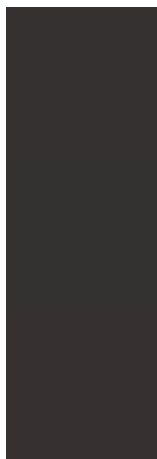


This preview shows how white text looks on a background with the HunterLab color 17.8193, 0.0790,

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

17.8193, 0.0790, 1.3133

Protanopia

17.9074, -0.8340, 1.3993

Deuteranopia

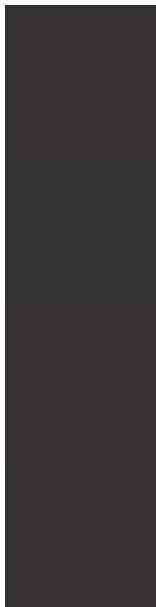
17.7423, 1.0133, 1.2403



Tritanopia

17.6599, 0.8835, -0.0099

Trichromacy



Original Color

17.8193, 0.0790, 1.3133

Protanomaly

17.9806, -0.5805, 1.4879

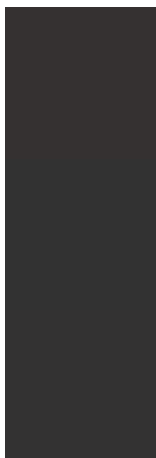
Deuteranomaly

17.6633, 0.7468, 1.1435

Tritanomaly

17.6346, 0.7477, 0.3494

Monochromacy



Original Color

17.8193, 0.0790, 1.3133

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.9313, -0.7037, 1.0591

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.8193, 0.0790, 1.3133 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(53, 49, 49)` looks like.

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

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

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

Border

The CSS property to change the border of an element to HunterLab 17.8193, 0.0790, 1.3133 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(53, 49, 49) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to HunterLab 17.8193, 0.0790, 1.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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