

Converting Colors

HunterLab(16.9963, 1.0830,
-0.4218)

Have a look what the booklet for
HunterLab(16.9963, 1.0830, -0.4218)
contains.

HunterLab(17.0200, 1.0463, -0.4044)	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(17.0200, 1.0463,
-0.4044)**

Conversions

Conversions Part 1

Format	Color
Hex	332E33
RGB	51, 46, 51
RGB Percent	20%, 18%, 20%
CMY	0.8000, 0.8196, 0.8000
CMYK	0.00, 0.10, 0.00, 0.80
HSL	300°, 5%, 19%
HSV	300°, 10%, 20%
XYZ	2.9398, 2.8968, 3.5362
YIQ	48.0650, 1.3750, 2.6150

Conversions

Conversions Part 2

Format	Color
R_{YB}	51, 46, 51
Decimal	3354163
CIE Lab	19.63, 3.39, -2.39
CIE LCh	20, 4.145, 324.866
Yxy	2.8969, 0.3137, 0.3091
Android (android.graphics.Color)	4281544243 (0xFF332E33)
YUV	48.0650, 1.4470, 2.5740
Hunter-Lab	17.0200, 1.0463, -0.4044

Details

The HunterLab color **17.0200, 1.0463, -0.4044** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.7365, -2.8215, 2.2388**, and the grayscale version is **17.2090, -0.9182, 0.9350**.

A 20% lighter version of the original color is **33.2547, 0.3901, 0.3349**, and **1.6770, 3.3947, -2.9681** is the 20% darker color. If you saturate the color by 10%, you get **15.8805, 3.1460, -1.8529**, and if you desaturate by 10%, it is **18.2191, -1.0111, 1.0164**.

Distribution



Red (20%)

Green (18%)

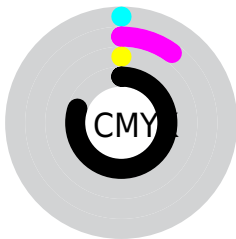
Blue (20%)



Red (20%)

Yellow (18%)

Blue (20%)



Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (80%)



Cyan (80%)

Magenta (82%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.0200, 1.0463, -0.4044 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 17.0200, 1.0463, -0.4044 by changing the saturation by 10% instead.

■ 17.0200, 1.0463,
-0.4044

■ 17.0200, 1.0463,
-0.4044

■ 112.7026, -2.4058,
3.7041

■ 10.3834, 1.1177,
-0.5802

■ 33.2073, 0.6500,
0.1678

0.0000, INF, -NF

0.0000, NaN, NaN

■ 42.5530, 0.3540,
0.5419

0.0000, NaN, NaN

■ 52.6408, 0.0038,
0.9658

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.4196, -0.3951,
1.4352

0.0000, NaN, NaN

■ 74.8478, -0.8387,
1.9463

0.0000, NaN, NaN

■ 86.8903, -1.3234,

0.0000, NaN, NaN

2.4963

99.5171, -1.8465,
3.0830

17.0200, 1.0463,
-0.4044

17.0200, 1.0463,
-0.4044

15.8805, 3.1460,
-1.8529

18.2191, -1.0111,
1.0164

14.8074, 5.2810,
-3.3241

19.4698, -3.0223,
2.4066

13.8104, 7.4338,
-4.8061

20.7668, -4.9883,
3.7671

12.8999, 9.5750,
-6.2787

22.1051, -6.9120,
5.0994

12.0872, 11.6594,
-7.7109

23.4806, -8.7969,
6.4061

■ 11.3838, 13.6234,
-9.0592

■ 24.8898, -10.6472,
7.6898

■ 10.8002, 15.3875,
-10.2694

■ 26.3297, -12.4669,
8.9532

■ 10.2749, 17.0981,
-11.4423

■ 27.7978, -14.2597,
10.1989

■ 9.7212, 19.0486,
-12.7787

■ 29.2918, -16.0293,
11.4293

Harmonies

Analogous

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



17.0204, 0.0854, -1.2179



17.0200, 1.0463, -0.4044



17.0204, 1.4832, 0.7262

Triad

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



17.0204, 1.0459, -0.4041



17.0204, -0.6993, 2.9965



17.0204, -2.9792, -0.0357

Complementary

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



17.0200, 1.0463, -0.4044



17.7365, -2.8215, 2.2388

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.



17.0204, -3.1761, 1.1243



17.0200, 1.0463, -0.4044



17.0204, -1.8813, 2.8237

Square

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



17.0204, 1.0459, -0.4041



17.0204, 0.4577, 2.6471



17.0204, -2.7796, 2.1576



17.0204, -2.2341, -0.9950

Rectangle

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



17.0200, 1.0463, -0.4044



17.0204, 1.4106, 1.4874



17.0204, -2.7796, 2.1576



17.0204, -3.1108, 0.3458

Sweetspot

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



17.0204, 1.0459, -0.4041



22.9512, -0.4201, 0.6999



16.6748, -0.2286, -0.8654



12.0832, -0.1623, 0.3284



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



17.0204, 1.0459, -0.4041



21.5093, 2.1073, -1.0449



16.9593, 0.7176, 0.4644



9.4671, 0.3954, -0.0981



16.9165, 33.2584, -22.3124



44.3958, 87.2838, -58.5569

Inverse Universe

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



16.8973, 0.3833, 1.3487



21.3040, 1.0086, 1.8765



17.7916, -2.5140, 1.4493



9.4104, 0.0893, 0.7095



14.6159, 25.0302, 9.4443



38.3581, 65.6894, 24.7860

Previews

White Background



This preview shows how the HunterLab color 17.0200, 1.0463, -0.4044 looks on a white background.

Color Contrast Check

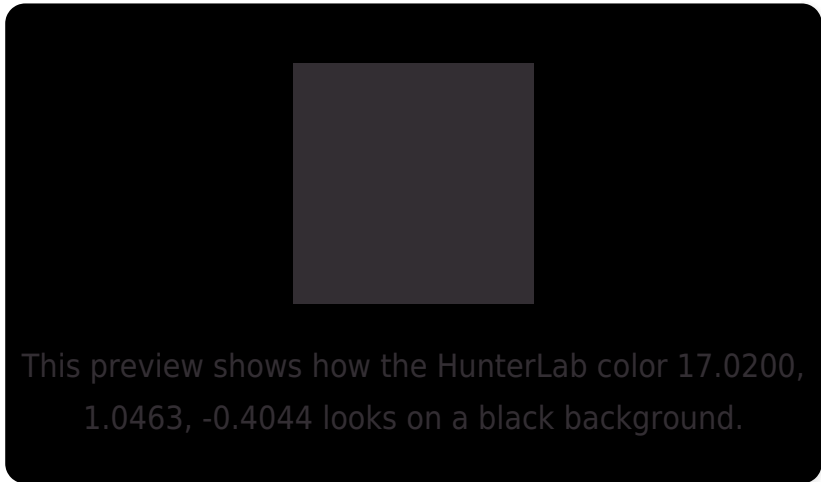
Large Text (above 18pt) WCAG AA ✓ Pass

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

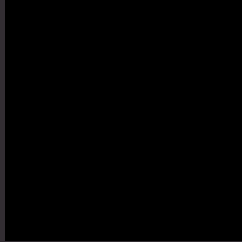
Any Text WCAG AA × Fail

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 17.0200, 1.0463, -0.4044 Background



This preview shows how black text looks on a background with the HunterLab color 17.0200, 1.0463, -0.4044.



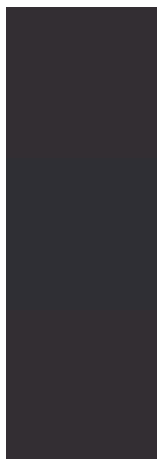
This preview shows how white text looks on a background with the HunterLab color 17.0200, 1.0463, -0.4044.

-0.4044.

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

17.0200, 1.0463, -0.4044

Protanopia

16.9862, -0.2111, -0.8768

Deuteranopia

17.0200, 1.0463, -0.4044



Tritanopia

16.9944, 0.9086, -0.0401

Trichromacy



Original Color

17.0200, 1.0463, -0.4044

Protanomaly

17.0568, 0.0311, -0.7821

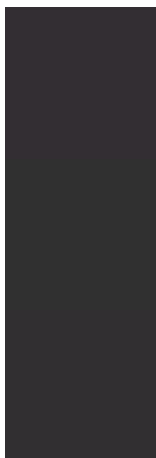
Deuteranomaly

17.0200, 1.0463, -0.4044

Tritanomaly

16.9944, 0.9086, -0.0401

Monochromacy



Original Color

17.0200, 1.0463, -0.4044

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.0521, -0.1384, 0.4018

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.0200, 1.0463, -0.4044 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(51, 46, 51)` looks like.

```
.text, #text, p{  
    color:rgb(51, 46, 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(51, 46, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 46, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 17.0200, 1.0463, -0.4044 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(51, 46, 51) }
```


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

```
.border{ border-color:rgb(51, 46, 51) }
```

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

Here you see how a box with a 4 pixel rgb(51, 46, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 46, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 46, 51);  
box-shadow:4px 4px 4px 4px rgb(51, 46, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.0200, 1.0463, -0.4044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 46, 51) }
```

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

```
.background{ background-color: rgb(51, 46,  
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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