

Converting Colors

HunterLab(17.3228, -0.7745,
0.7600)

Have a look what the booklet for
HunterLab(17.3228, -0.7745, 0.7600)
contains.

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Color

**HunterLab(17.2876, -0.5376,
0.6776)**

Conversions

Conversions Part 1

Format	Color
Hex	313031
RGB	49, 48, 49
RGB Percent	19%, 19%, 19%
CMY	0.8078, 0.8118, 0.8078
CMYK	0.00, 0.02, 0.00, 0.81
HSL	300°, 1%, 19%
HSV	300°, 2%, 19%
XYZ	2.8779, 2.9886, 3.3309
YIQ	48.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

Format	Color
R_{YB}	49, 48, 49
Decimal	3223601
CIE Lab	20.00, 0.68, -0.48
CIE LCh	20, 0.832, 324.421
Yxy	2.9887, 0.3129, 0.3249
Android (android.graphics.Color)	4281413681 (0xFF313031)
YUV	48.4130, 0.2894, 0.5148
Hunter-Lab	17.2876, -0.5376, 0.6776

Details

The HunterLab color **17.2876, -0.5376, 0.6776** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.4312, -1.3114, 1.2063**, and the grayscale version is **17.3289, -0.9246, 0.9415**.

A 20% lighter version of the original color is **33.5627, -1.3619, 1.5319**, and **0.9298, 1.8279, -1.2263** is the 20% darker color. If you saturate the color by 10%, you get **16.1550, 1.4353, -0.6844**, and if you desaturate by 10%, it is **18.4715, -2.4681, 2.0117**.

Distribution



Red (19%)

Green (19%)

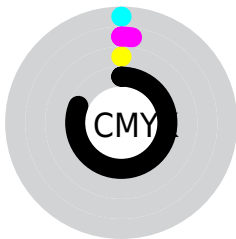
Blue (19%)



Red (19%)

Yellow (19%)

Blue (19%)



Cyan (0%)

Magenta (2%)

Yellow (0%)

Black (81%)



Cyan (81%)

Magenta (81%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.2876, -0.5376, 0.6776 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 17.2876, -0.5376, 0.6776 by changing the saturation by 10% instead.

■ 17.2876, -0.5376,
0.6776

■ 17.2876, -0.5376,
0.6776

■ 113.2041, -5.3276,
5.6724

■ 10.6106, -0.2387,
0.3533

■ 33.5413, -1.3116,
1.4985

0.0000, INF, -NF

0.0000, NaN, NaN

■ 42.9157, -1.7714,
1.9810

0.0000, NaN, NaN

■ 53.0301, -2.2738,
2.5058

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.8339, -2.8153,
3.0698

0.0000, NaN, NaN

■ 75.2855, -3.3935,
3.6704

0.0000, NaN, NaN

■ 87.3502, -4.0061,

0.0000, NaN, NaN

4.3055

99.9984, -4.6513,
4.9733

■ 17.2876, -0.5376,
0.6776

■ 17.2876, -0.5376,
0.6776

■ 16.1550, 1.4353,
-0.6844

■ 18.4715, -2.4681,
2.0117

■ 15.0793, 3.4483,
-2.0726

■ 19.6999, -4.3552,
3.3171

■ 14.0685, 5.4917,
-3.4803

■ 20.9685, -6.2015,
4.5954

■ 13.1315, 7.5477,
-4.8951

■ 22.2732, -8.0102,
5.8489

■ 12.2784, 9.5859,
-6.2964

■ 23.6106, -9.7850,
7.0799

■ 11.5198, 11.5609,
-7.6529

■ 24.9777, -11.5299,
8.2911

■ 10.8664, 13.4101,
-8.9219

■ 26.3722, -13.2485,
9.4849

■ 10.3235, 15.0708,
-10.0608

■ 27.7918, -14.9441,
10.6636

■ 9.7948, 16.8155,
-11.2565

■ 29.2347, -16.6200,
11.8293

Harmonies

Analogous

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



17.2880, -0.7279, 0.5274



17.2876, -0.5376, 0.6776



17.2880, -0.4513, 0.8973

Triad

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



17.2880, -0.5380, 0.6779



17.2880, -0.8775, 1.3817



17.2880, -1.3508, 0.7545

Complementary

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



17.2876, -0.5376, 0.6776



17.4312, -1.3114, 1.2063

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.



17.2880, -1.3904, 0.9846



17.2876, -0.5376, 0.6776



17.2880, -1.1180, 1.3447

Square

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



17.2880, -0.5380, 0.6779



17.2880, -0.6480, 1.3021



17.2880, -1.3054, 1.2001



17.2880, -1.1970, 0.5721

Rectangle

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



17.2876, -0.5376, 0.6776



17.2880, -0.4641, 1.0524



17.2880, -1.3054, 1.2001



17.2880, -1.3779, 0.8289

Sweetspot

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



17.2880, -0.5380, 0.6779



22.3974, -0.9396, 1.0431



17.2168, -0.7846, 0.5884



12.3050, -0.5364, 0.5868



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.



17.2880, -0.5380, 0.6779



22.2398, -0.6750, 0.8604



17.2758, -0.6042, 0.8509



9.9009, -0.3496, 0.4164



16.9162, 33.2571, -22.3065



44.3949, 87.2801, -58.5402

Inverse Universe

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



17.2880, -0.5380, 0.6779



22.2398, -0.6750, 0.8604



17.4431, -1.2460, 1.0366



9.9009, -0.3496, 0.4164



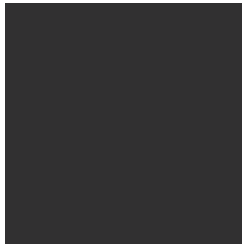
16.9162, 33.2571, -22.3065



44.3949, 87.2801, -58.5402

Previews

White Background



This preview shows how the HunterLab color 17.2876, -0.5376, 0.6776 looks on a white background.

Color Contrast Check

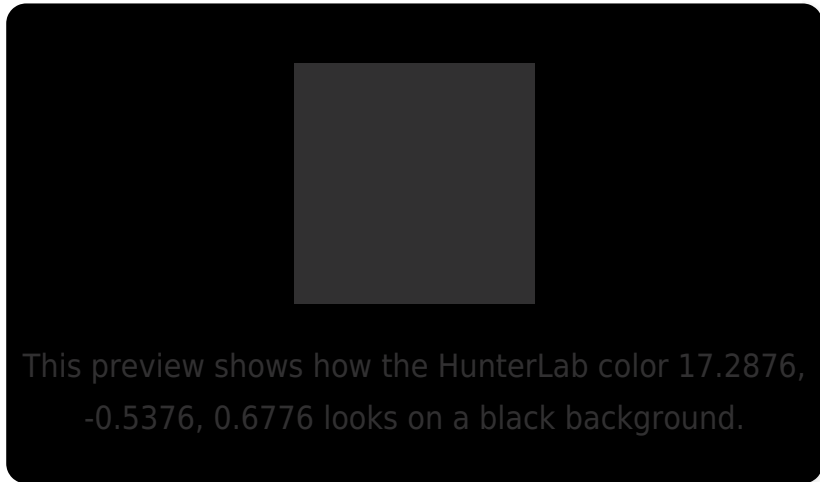
Large Text (above 18pt) WCAG AA ✓ Pass

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

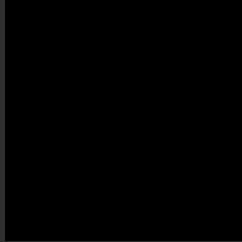
Any Text WCAG AA × Fail

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 17.2876, -0.5376, 0.6776 Background



This preview shows how black text looks on a background with the HunterLab color 17.2876, -0.5376, 0.6776.



This preview shows how white text looks on a background with the HunterLab color 17.2876, -0.5376, 0.6776.

0.6776.

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

17.2876, -0.5376, 0.6776

Protanopia

17.2876, -0.5376, 0.6776

Deuteranopia

17.2767, 0.6276, 0.6850



Tritanopia

17.3375, -0.2660, -0.0319

Trichromacy



Original Color

17.2876, -0.5376, 0.6776

Protanomaly

17.2876, -0.5376, 0.6776

Deuteranomaly

17.2005, 0.3690, 0.5894

Tritanomaly

17.3123, -0.4031, 0.3262

Monochromacy



Original Color

17.2876, -0.5376, 0.6776

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.1921, -0.9173, 0.9341

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.2876, -0.5376, 0.6776 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, 48, 49)` looks like.

```
.text, #text, p{  
    color:rgb(49, 48, 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(49, 48, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 48, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 17.2876, -0.5376, 0.6776 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, 48, 49) }
```


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

```
.border{ border-color:rgb(49, 48, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 48, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 48, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 48, 49);  
box-shadow:4px 4px 4px 4px rgb(49, 48, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.2876, -0.5376, 0.6776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 48, 49) }
```

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

```
.background{ background-color: rgb(49, 48,  
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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