

Converting Colors

HunterLab(17.1002, -0.7700,
1.2004)

Have a look what the booklet for
HunterLab(17.1002, -0.7700, 1.2004)
contains.

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Color

**HunterLab(17.1683, -1.0476,
1.2733)**

Conversions

Conversions Part 1

Format	Color
Hex	30302F
RGB	48, 48, 47
RGB Percent	19%, 19%, 18%
CMY	0.8118, 0.8118, 0.8157
CMYK	0.00, 0.00, 0.02, 0.81
HSL	60°, 1%, 19%
HSV	60°, 2%, 19%
XYZ	2.7890, 2.9475, 3.1112
YIQ	47.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

Format	Color
R_{YB}	47, 48, 47
Decimal	3158063
CIE _{Lab}	19.83, -0.23, 0.64
CIE _{LCh}	20, 0.677, 110.021
Yxy	2.9476, 0.3152, 0.3331
Android (android.graphics.Color)	4281348143 (0xFF30302F)
YUV	47.8860, -0.4368, 0.1000
Hunter-Lab	17.1683, -1.0476, 1.2733

Details

The HunterLab color **17.1683, -1.0476, 1.2733** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.8844, -0.7668, 0.5709**, and the grayscale version is **17.1558, -0.9154, 0.9321**.

A 20% lighter version of the original color is **33.4296, -1.9313, 2.1984**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **17.0613, -1.6383, 2.8068**, and if you desaturate by 10%, it is **17.2877, -0.3979, -0.4158**.

Distribution



Red (19%)

Green (19%)

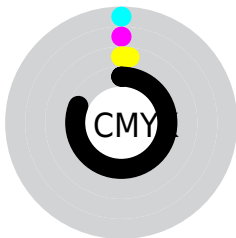
Blue (18%)



Red (18%)

Yellow (19%)

Blue (18%)

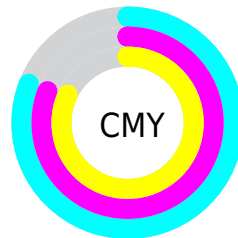


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (81%)



Cyan (81%)

Magenta (81%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.1683, -1.0476, 1.2733 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 17.1683, -1.0476, 1.2733 by changing the saturation by 10% instead.

■ 17.1683, -1.0476,
1.2733

■ 17.1683, -1.0476,
1.2733

■ 112.9808, -6.2802,
6.7899

■ 10.5093, -0.6725,
0.8588

■ 33.3925, -1.9472,
2.2424

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 42.7541, -2.4612,
2.7889

0.0000, NaN, NaN

■ 52.8567, -3.0139,
3.3730

0.0000, NaN, NaN

■ 63.6494, -3.6025,
3.9925

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.0905, -4.2251,
4.6454

0.0000, NaN, NaN

■ 87.1454, -4.8799,

0.0000, NaN, NaN

5.3302

99.7841, -5.5654,
6.0454

■ 17.1683, -1.0476,
1.2733

■ 17.1683, -1.0476,
1.2733

■ 17.0613, -1.6383,
2.8068

■ 17.2877, -0.3979,
-0.4158

■ 16.9654, -2.1685,
4.1836

■ 17.4186, 0.3117,
-2.2600

■ 16.8808, -2.6389,
5.4046

■ 17.5614, 1.0799,
-4.2569

■ 16.8071, -3.0502,
6.4717

■ 17.7161, 1.9055,
-6.4037

■ 16.7441, -3.4035,
7.3878

■ 17.8828, 2.7872,
-8.6967

■ 16.6913, -3.7004,
8.1570

■ 18.0615, 3.7234,
-11.1318

■ 16.6483, -3.9430,
8.7849

■ 18.2520, 4.7122,
-13.7042

■ 16.6141, -4.1362,
9.2839

■ 18.4544, 5.7517,
-16.4088

■ 16.5820, -4.3175,
9.7521

■ 18.6684, 6.8398,
-19.2403

Harmonies

Analogous

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



17.1687, -0.8505, 1.2897



17.1683, -1.0476, 1.2733



17.1687, -1.2097, 1.1671

Triad

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



17.1687, -1.0480, 1.2736



17.1687, -1.1626, 0.6528



17.1687, -0.5379, 0.8712

Complementary

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



17.1683, -1.0476, 1.2733



16.8844, -0.7668, 0.5709

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.



17.1687, -0.6223, 0.6986



17.1683, -1.0476, 1.2733



17.1687, -0.9834, 0.5716

Square

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



17.1687, -1.0480, 1.2736



17.1687, -1.2756, 0.8093



17.1687, -0.7856, 0.5884



17.1687, -0.5554, 1.0589

Rectangle

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



17.1683, -1.0476, 1.2733



17.1687, -1.2757, 1.0586



17.1687, -0.7856, 0.5884



17.1687, -0.5553, 0.8095

Sweetspot

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



17.1687, -1.0480, 1.2736



21.6560, -1.2398, 1.3942



16.9313, -0.6524, 1.0040



11.5740, -0.6555, 0.7269



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



17.1687, -1.0480, 1.2736



21.6260, -1.4041, 1.8212



17.1335, -1.1709, 1.2306



9.2218, -0.6006, 0.7813



29.6233, -7.9855, 18.1140



79.0488, -21.3160, 48.3363

Inverse Universe

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



16.8844, -0.7668, 0.5709



21.0846, -0.8684, 0.4828



16.9197, -0.6443, 0.6153



8.9869, -0.3682, 0.2007



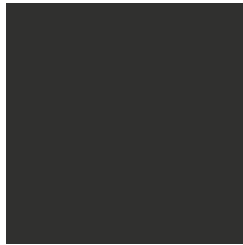
8.2693, 22.4234, -58.7021



22.0606, 59.8329, -156.6994

Previews

White Background



This preview shows how the HunterLab color 17.1683, -1.0476, 1.2733 looks on a white background.

Color Contrast Check

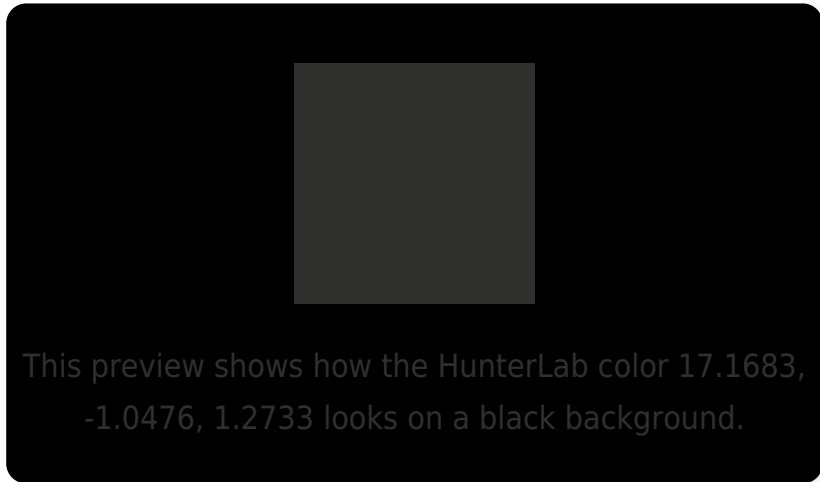
Large Text (above 18pt) WCAG AA ✓ Pass

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

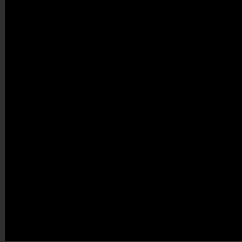
Any Text WCAG AA × Fail

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 17.1683, -1.0476, 1.2733 Background



This preview shows how black text looks on a background with the HunterLab color 17.1683, -1.0476, 1.2733.



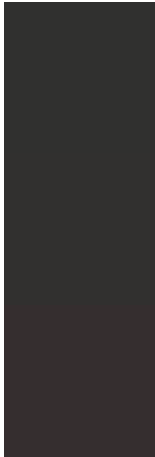
This preview shows how white text looks on a background with the HunterLab color 17.1683, -1.0476, 1.2733.

1.2733.

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

17.1683, -1.0476, 1.2733

Protanopia

17.2398, -0.7990, 1.3602

Deuteranopia

17.0766, 1.0385, 1.2034



Tritanopia

17.1027, 0.1359, -0.3167

Trichromacy



Original Color

17.1683, -1.0476, 1.2733

Protanomaly

17.2398, -0.7990, 1.3602

Deuteranomaly

17.1525, 0.1089, 1.2751

Tritanomaly

17.0771, -0.0026, 0.0460

Monochromacy



Original Color

17.1683, -1.0476, 1.2733

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 17.1683, -1.0476, 1.2733 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(48, 48, 47)` looks like.

```
.text, #text, p{  
    color:rgb(48, 48, 47)  
}
```

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(48, 48, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 48, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 17.1683, -1.0476, 1.2733 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(48, 48, 47) }
```


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

```
.border{ border-color:rgb(48, 48, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 48, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 48, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 48, 47);  
box-shadow:4px 4px 4px 4px rgb(48, 48, 47)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.1683, -1.0476, 1.2733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 48, 47) }
```

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

```
.background{ background-color: rgb(48, 48,  
47) }
```

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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