

Converting Colors

HunterLab(16.4879, -5.6970,
7.6786)

Have a look what the booklet for
HunterLab(16.4879, -5.6970, 7.6786)
contains.

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Color

**HunterLab(16.4880, -5.6968,
7.6802)**

Conversions

Conversions Part 1

Format	Color
Hex	293114
RGB	41, 49, 20
RGB Percent	16%, 19%, 8%
CMY	0.8392, 0.8078, 0.9216
CMYK	0.16, 0.00, 0.59, 0.81
HSL	77°, 42%, 14%
HSV	77°, 59%, 19%
XYZ	2.1390, 2.7185, 1.0738
YIQ	43.3020, 4.5410, -10.7150

Conversions

Conversions Part 2

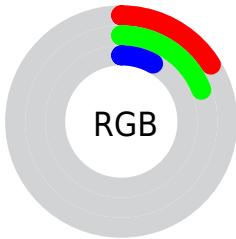
Format	Color
RYB	20, 49, 28
Decimal	2699540
CIELab	18.88, -9.18, 17.25
CIElCh	19, 19.537, 118.018
Yxy	2.7187, 0.3606, 0.4583
Android (android.graphics.Color)	4280889620 (0xFF293114)
YUV	43.3020, -11.4879, -2.0189
Hunter-Lab	16.4880, -5.6968, 7.6802

Details

The HunterLab color **16.4880, -5.6968, 7.6802** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **9.8439, 6.0477, -11.3306**, and the grayscale version is **15.6772, -0.8365, 0.8518**.

A 20% lighter version of the original color is **32.5108, -7.9195, 11.3182**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **16.3573, -6.2898, 8.3173**, and if you desaturate by 10%, it is **16.6319, -5.0430, 6.9015**.

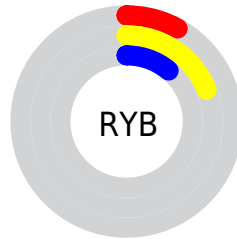
Distribution



Red (16%)

Green (19%)

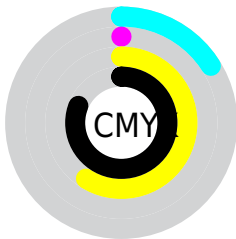
Blue (8%)



Red (8%)

Yellow (19%)

Blue (11%)

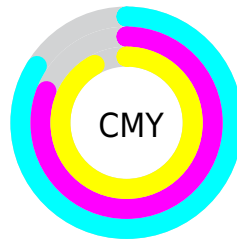


Cyan (16%)

Magenta (0%)

Yellow (59%)

Black (81%)



Cyan (84%)

Magenta (81%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.4880, -5.6968, 7.6802 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 16.4880, -5.6968, 7.6802 by changing the saturation by 10% instead.

■ 16.4880, -5.6968,
7.6802

■ 16.4880, -5.6968,
7.6802

■ 111.6998,
-15.4951, 22.0580

■ 9.9332, -4.6183,
6.9532

■ 32.5412, -7.9179,
11.2923

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 41.8292, -8.9943,
12.9406

0.0000, NaN, NaN

■ 51.8635, -10.0648,
14.5289

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.5923, -11.1359,
16.0761

0.0000, NaN, NaN

■ 73.9733, -12.2121,
17.5948

0.0000, NaN, NaN

■ 85.9710, -13.2961,

0.0000, NaN, NaN

19.0939

■ 98.5552, -14.3899,
20.5800

■ 16.4880, -5.6968,
7.6802

■ 16.4880, -5.6968,
7.6802

■ 16.3573, -6.2898,
8.3173

■ 16.6319, -5.0430,
6.9015

■ 16.2383, -6.8216,
8.8170

■ 16.7881, -4.3267,
5.9779

■ 16.1265, -7.3197,
9.2493

■ 16.9572, -3.5487,
4.9081

■ 16.0168, -7.8137,
9.6901

■ 17.1394, -2.7099,
3.6917

■ 16.0079, -7.8539,
9.7265

■ 17.3348, -1.8114,
2.3296

■ 17.5432, -0.8548,
0.8238

■ 17.7648, 0.1579,
-0.8231

■ 17.9994, 1.2246,
-2.6075

■ 18.2469, 2.3430,
-4.5256

Harmonies

Analogous

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



16.4884, -0.5019, 8.2671



16.4880, -5.6968, 7.6802



16.4884, -9.1488, 5.5009

Triad

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



16.4884, -5.6972, 7.6803



16.4884, -6.2684, -10.5496



16.4884, 11.4952, 0.5347

Complementary

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



16.4880, -5.6968, 7.6802



9.8439, 6.0477, -11.3306

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.



16.4884, 9.4267, -5.5968



16.4880, -5.6968, 7.6802



16.4884, -1.2561, -13.2011

Square

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



16.4884, -5.6972, 7.6803



16.4884, -9.4459, -4.7574



16.4884, 4.5614, -11.1385



16.4884, 9.8935, 5.0649

Rectangle

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



16.4880, -5.6968, 7.6802



16.4884, -10.2500, 2.9092



16.4884, 4.5614, -11.1385



16.4884, 11.2009, -1.4047

Sweetspot

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



16.4884, -5.6972, 7.6803



22.0636, -3.4646, 4.7170



12.3348, 4.4904, 4.4979



12.0973, -1.9571, 2.6713



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.



16.4884, -5.6972, 7.6803



20.9632, -8.4927, 11.0905



15.7388, -8.5969, 7.0544



9.9126, -0.9877, 1.2580



28.8054, -14.7877, 17.4909



75.2726, -40.0906, 45.6808

Inverse Universe

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



9.8439, 6.0477, -11.3306



10.5207, 10.5501, -20.4581



11.0422, 9.2731, -8.6363



9.3442, -0.0230, -0.2592



9.6302, 24.0252, -52.1724



24.3953, 62.2595, -143.0081

Previews

White Background



This preview shows how the HunterLab color 16.4880, -5.6968, 7.6802 looks on a white background.

Color Contrast Check

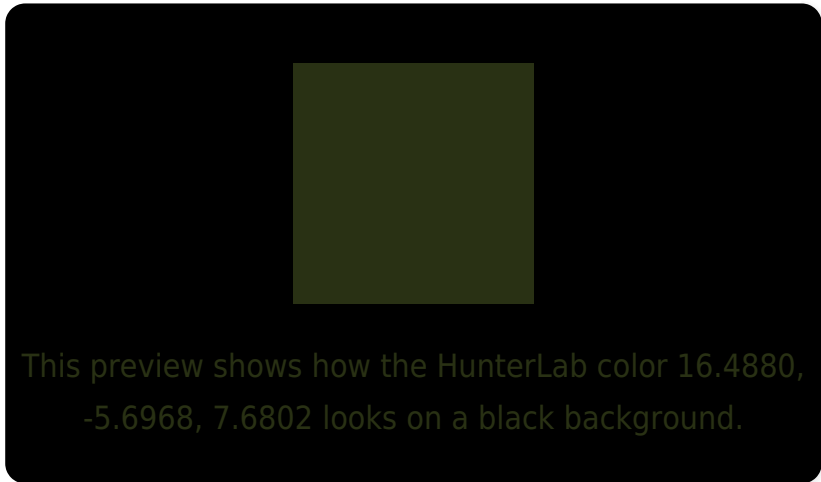
Large Text (above 18pt) WCAG AA ✓ Pass

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

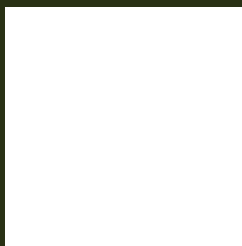
Any Text WCAG AAA × Fail

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

HunterLab 16.4880, -5.6968, 7.6802 Background



This preview shows how black text looks on a background with the HunterLab color 16.4880, -5.6968, 7.6802.

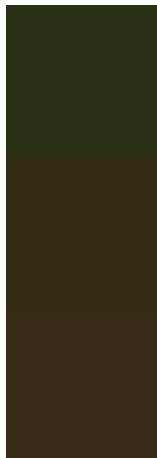


This preview shows how white text looks on a background with the HunterLab color 16.4880, -5.6968,

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

16.4880, -5.6968, 7.6802

Protanopia

16.4463, -2.0839, 7.8766

Deuteranopia

16.5201, 0.6181, 7.4662



Tritanopia

16.4917, -0.8118, -0.7009

Trichromacy



Original Color

16.4880, -5.6968, 7.6802

Protanomaly

16.3841, -3.5452, 7.8042

Deuteranomaly

16.4680, -1.9638, 7.5588

Tritanomaly

16.4107, -2.8423, 3.1276

Monochromacy



Original Color

16.4880, -5.6968, 7.6802

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.7809, -2.7704, 3.7014

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.4880, -5.6968, 7.6802 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(41, 49, 20)` looks like.

```
.text, #text, p{  
    color:rgb(41, 49, 20)  
}
```

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(41, 49, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 49, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 16.4880, -5.6968, 7.6802 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(41, 49, 20) }
```


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

```
.border{ border-color:rgb(41, 49, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 49, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 49, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 49, 20);  
box-shadow:4px 4px 4px 4px rgb(41, 49, 20)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.4880, -5.6968, 7.6802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 49, 20) }
```

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

```
.background{ background-color: rgb(41, 49,  
20) }
```

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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