

Converting Colors

HunterLab(15.7786, -6.3842,
4.1836)

Have a look what the booklet for
HunterLab(15.7786, -6.3842, 4.1836)
contains.

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Color

**HunterLab(15.8588, -6.4063,
4.2807)**

Conversions

Conversions Part 1

Format	Color
Hex	1F3021
RGB	31, 48, 33
RGB Percent	12%, 19%, 13%
CMY	0.8784, 0.8118, 0.8706
CMYK	0.35, 0.00, 0.31, 0.81
HSL	127°, 22%, 15%
HSV	127°, 35%, 19%
XYZ	1.8965, 2.5150, 1.8243
YIQ	41.2070, -5.3170, -8.2690

Conversions

Conversions Part 2

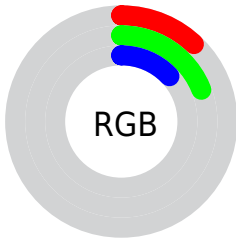
Format	Color
RYB	31, 46, 48
Decimal	2043937
CIELab	17.99, -10.88, 7.42
CIELCh	18, 13.167, 145.700
Yxy	2.5151, 0.3041, 0.4033
Android (android.graphics.Color)	4280234017 (0xFF1F3021)
YUV	41.2070, -4.0461, -8.9515
Hunter-Lab	15.8588, -6.4063, 4.2807

Details

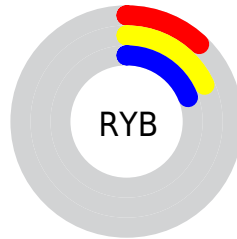
The HunterLab color **15.8588, -6.4063, 4.2807** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13.4375, 5.7370, -3.0246**, and the grayscale version is **14.9724, -0.7989, 0.8135**.

A 20% lighter version of the original color is **31.7454, -8.7569, 6.2948**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.5686, -7.6735, 5.0900**, and if you desaturate by 10%, it is **16.1881, -5.0051, 3.4056**.

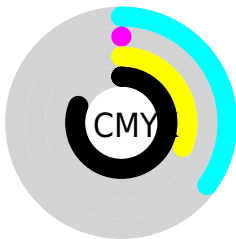
Distribution



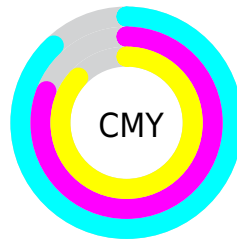
- Red (12%)
- Green (19%)
- Blue (13%)



- Red (12%)
- Yellow (18%)
- Blue (19%)



- Cyan (35%)
- Magenta (0%)
- Yellow (31%)
- Black (81%)



- Cyan (88%)
- Magenta (81%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.8588, -6.4063, 4.2807 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 15.8588, -6.4063, 4.2807 by changing the saturation by 10% instead.

■ 15.8588, -6.4063,
4.2807

■ 15.8588, -6.4063,
4.2807

110.5036,
-17.1184, 13.1887

■ 9.4032, -5.5430,
3.7829

■ 31.7501, -8.9021,
6.2497

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.9684, -10.0919,
7.2157

0.0000, NaN, NaN

■ 50.9383, -11.2656,
8.1839

0.0000, NaN, NaN

■ 61.6070, -12.4320,
9.1595

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.9313, -13.5971,
10.1459

0.0000, NaN, NaN

■ 84.8752, -14.7647,

0.0000, NaN, NaN

11.1454

■ 97.4081, -15.9378,
12.1594

■ 15.8588, -6.4063,
4.2807

■ 15.8588, -6.4063,
4.2807

■ 15.5686, -7.6735,
5.0900

■ 16.1881, -5.0051,
3.4056

■ 15.3167, -8.7961,
5.8261

■ 16.5549, -3.4806,
2.4716

■ 15.1032, -9.7666,
6.4832

■ 16.9587, -1.8452,
1.4865

■ 14.9276, -10.5805,
7.0568

■ 17.3983, -0.1116,
0.4578

■ 14.7827, -11.2602,
7.5394

■ 17.8725, 1.7077,
-0.6075

■ 14.6452, -11.9038,
7.9337

■ 18.3798, 3.6011,
-1.7025

■ 14.5821, -12.2012,
8.1124

■ 18.9188, 5.5574,
-2.8215

■ 19.4879, 7.5667,
-3.9591

■ 20.0856, 9.6202,
-5.1107

Harmonies

Analogous

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



15.8591, -3.8723, 5.9080



15.8588, -6.4063, 4.2807



15.8591, -7.4528, 1.3721

Triad

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



15.8591, -6.4066, 4.2809



15.8591, -1.3874, -7.6764



15.8591, 6.2343, 3.5741

Complementary

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



15.8588, -6.4063, 4.2807



13.4375, 5.7370, -3.0246

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.



15.8591, 7.0556, 0.3370



15.8588, -6.4063, 4.2807



15.8591, 2.4235, -6.7000

Square

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



15.8591, -6.4066, 4.2809



15.8591, -4.7320, -5.9621



15.8591, 5.6025, -3.5394



15.8591, 3.4521, 5.5719

Rectangle

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



15.8588, -6.4063, 4.2807



15.8591, -7.2447, -1.1202



15.8591, 5.6025, -3.5394



15.8591, 6.7593, 2.6196

Sweetspot

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



15.8591, -6.4066, 4.2809



21.0582, -3.6085, 2.6440



16.7158, -3.2843, 5.6447



11.2546, -1.9234, 1.4100



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.



15.8591, -6.4066, 4.2809



19.6316, -9.6403, 6.3951



16.0275, -5.4307, 1.8557



9.0574, -1.2260, 0.9393



26.0581, -22.0386, 15.0046



69.4734, -59.2082, 40.9779

Inverse Universe

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



13.4375, 5.7370, -3.0246



15.8122, 9.5905, -5.1504



13.2107, 4.5949, 0.1732



8.7515, 0.2991, 0.0194



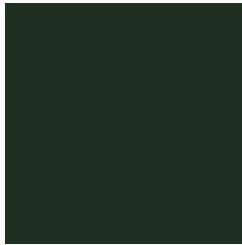
15.9393, 30.6138, -15.4158



42.4267, 81.3165, -39.7114

Previews

White Background



This preview shows how the HunterLab color 15.8588, -6.4063, 4.2807 looks on a white background.

Color Contrast Check

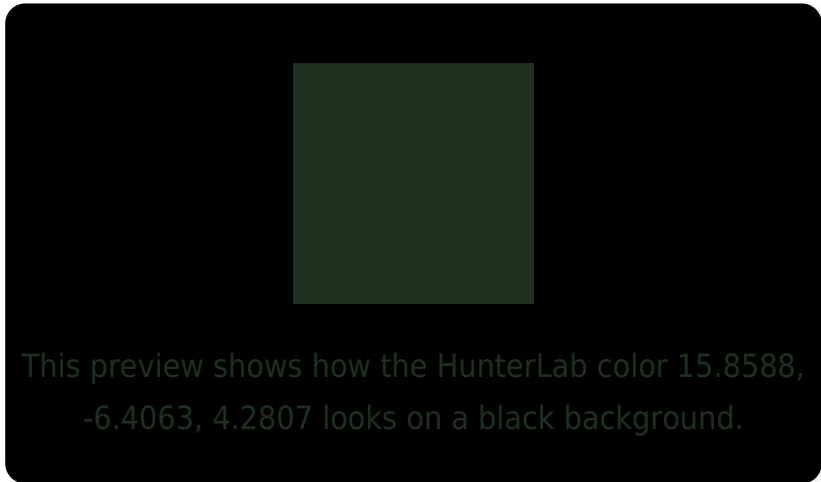
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.8588, -6.4063, 4.2807 Background



This preview shows how black text looks on a background with the HunterLab color 15.8588, -6.4063, 4.2807.

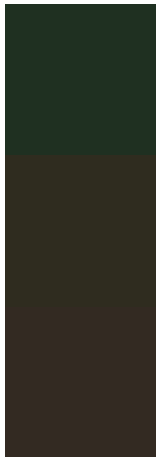


This preview shows how white text looks on a background with the HunterLab color 15.8588, -6.4063, 4.2807.

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

15.8588, -6.4063, 4.2807

Protanopia

15.8260, -1.5252, 4.8687

Deuteranopia

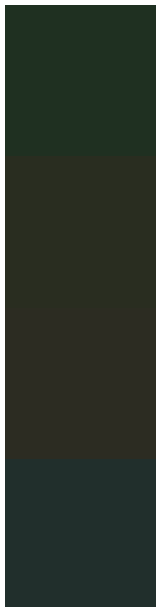
15.7329, 0.6268, 4.0023



Tritanopia

15.8882, -2.9486, -1.5222

Trichromacy



Original Color

15.8588, -6.4063, 4.2807

Protanomaly

15.6604, -3.3150, 4.4183

Deuteranomaly

15.6599, -2.0076, 3.8846

Tritanomaly

15.9318, -4.3708, 0.8727

Monochromacy



Original Color

15.8588, -6.4063, 4.2807

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.2795, -3.2169, 2.2433

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.8588, -6.4063, 4.2807 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(31, 48, 33)` looks like.

```
.text, #text, p{  
    color:rgb(31, 48, 33)  
}
```

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(31, 48, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 48, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 15.8588, -6.4063, 4.2807 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(31, 48, 33) }
```


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

```
.border{ border-color:rgb(31, 48, 33) }
```

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

Here you see how a box with a 4 pixel rgb(31, 48, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 48, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 48, 33);  
box-shadow:4px 4px 4px 4px rgb(31, 48, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.8588, -6.4063, 4.2807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 48, 33) }
```

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

```
.background{ background-color: rgb(31, 48,  
33) }
```

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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