

Converting Colors

HunterLab(15.9966, -5.8174,
3.8622)

Have a look what the booklet for
HunterLab(15.9966, -5.8174, 3.8622)
contains.

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Color

**HunterLab(15.9956, -5.8128,
3.8607)**

Conversions

Conversions Part 1

Format	Color
Hex	213023
RGB	33, 48, 35
RGB Percent	13%, 19%, 14%
CMY	0.8706, 0.8118, 0.8627
CMYK	0.31, 0.00, 0.27, 0.81
HSL	128°, 19%, 16%
HSV	128°, 31%, 19%
XYZ	1.9875, 2.5586, 1.9792
YIQ	42.0330, -4.7670, -7.2230

Conversions

Conversions Part 2

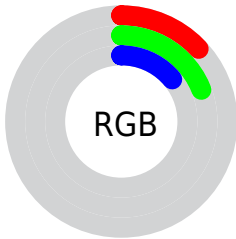
Format	Color
RYB	33, 46, 48
Decimal	2175011
CIELab	18.18, -9.58, 6.35
CIELCh	18, 11.495, 146.482
Yxy	2.5587, 0.3046, 0.3921
Android (android.graphics.Color)	4280365091 (0xFF213023)
YUV	42.0330, -3.4673, -7.9219
Hunter-Lab	15.9956, -5.8128, 3.8607

Details

The HunterLab color **15.9956, -5.8128, 3.8607** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13.8326, 4.9052, -2.4700**, and the grayscale version is **15.2394, -0.8131, 0.8280**.

A 20% lighter version of the original color is **31.9212, -8.0185, 5.7900**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.6901, -7.1322, 4.6864**, and if you desaturate by 10%, it is **16.3397, -4.3656, 2.9763**.

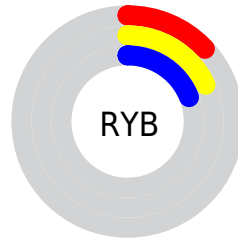
Distribution



Red (13%)

Green (19%)

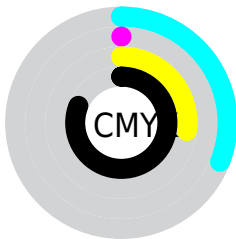
Blue (14%)



Red (13%)

Yellow (18%)

Blue (19%)

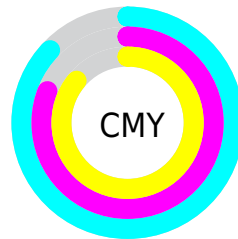


Cyan (31%)

Magenta (0%)

Yellow (27%)

Black (81%)



Cyan (87%)

Magenta (81%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9956, -5.8128, 3.8607 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 15.9956, -5.8128, 3.8607 by changing the saturation by 10% instead.

■ 15.9956, -5.8128,
3.8607

■ 15.9956, -5.8128,
3.8607

110.7646,
-15.8303, 12.2023

■ 9.5181, -4.8985,
3.2835

■ 31.9224, -8.1025,
5.6595

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 41.1560, -9.2063,
6.5551

0.0000, NaN, NaN

■ 51.1400, -10.3014,
7.4592

0.0000, NaN, NaN

■ 61.8219, -11.3951,
8.3757

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.1585, -12.4920,
9.3071

0.0000, NaN, NaN

■ 85.1142, -13.5955,

0.0000, NaN, NaN

10.2547

■ 97.6584, -14.7077,
11.2196

■ 15.9956, -5.8128,
3.8607

■ 15.9956, -5.8128,
3.8607

■ 15.6901, -7.1322,
4.6864

■ 16.3397, -4.3656,
2.9763

■ 15.4227, -8.3125,
5.4458

■ 16.7206, -2.8013,
2.0401

■ 15.1935, -9.3453,
6.1328

■ 17.1378, -1.1328,
1.0595

■ 15.0021, -10.2247,
6.7421

■ 17.5901, 0.6278,
0.0417

■ 14.8470, -10.9505,
7.2693

■ 18.0762, 2.4683,
-1.0067

■ 14.7075, -11.6041,
7.6974

■ 18.5945, 4.3774,
-2.0795

■ 14.5878, -12.1658,
8.0290

■ 19.1437, 6.3445,
-3.1714

■ 19.7222, 8.3604,
-4.2776

■ 20.3284, 10.4166,
-5.3940

Harmonies

Analogous

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



15.9959, -3.5894, 5.3899



15.9956, -5.8128, 3.8607



15.9959, -6.7135, 1.2371

Triad

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



15.9959, -5.8131, 3.8609



15.9959, -1.2423, -6.4107



15.9959, 5.2374, 3.3376

Complementary

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



15.9956, -5.8128, 3.8607



13.8326, 4.9052, -2.4700

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.



15.9959, 5.9922, 0.4955



15.9956, -5.8128, 3.8607



15.9959, 2.0778, -5.5369

Square

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



15.9959, -5.8131, 3.8609



15.9959, -4.2130, -5.0306



15.9959, 4.7933, -2.8382



15.9959, 2.8065, 5.1336

Rectangle

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



15.9956, -5.8128, 3.8607



15.9959, -6.5010, -0.9402



15.9959, 4.7933, -2.8382



15.9959, 5.7037, 2.4919

Sweetspot

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



15.9959, -5.8131, 3.8609



21.1672, -3.1640, 2.3542



16.7646, -3.0432, 5.1882



11.3038, -1.7222, 1.2767



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.



15.9959, -5.8131, 3.8609



19.8250, -8.7833, 5.7762



16.1441, -4.9597, 1.7297



9.0581, -1.2219, 0.9288



26.0641, -22.0010, 14.9160



69.4845, -59.1384, 40.8132

Inverse Universe

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



13.8326, 4.9052, -2.4700



16.3939, 8.2693, -4.2785



13.6418, 3.9313, 0.2263



8.7507, 0.2947, 0.0309



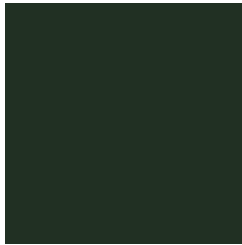
15.8800, 30.4061, -14.6303



42.2566, 80.7192, -37.4492

Previews

White Background



This preview shows how the HunterLab color 15.9956, -5.8128, 3.8607 looks on a white background.

Color Contrast Check

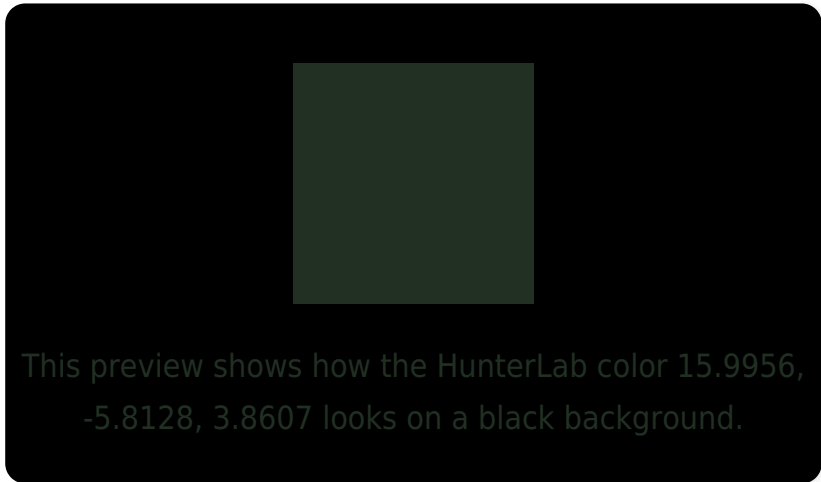
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9956, -5.8128, 3.8607 Background



This preview shows how black text looks on a background with the HunterLab color 15.9956, -5.8128, 3.8607.

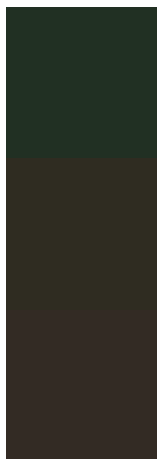


This preview shows how white text looks on a background with the HunterLab color 15.9956, -5.8128,

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

15.9956, -5.8128, 3.8607

Protanopia

15.8604, -1.3359, 4.3709

Deuteranopia

15.9967, 0.4329, 3.6784



Tritanopia

15.9980, -2.5539, -1.3704

Trichromacy



Original Color

15.9956, -5.8128, 3.8607

Protanomaly

15.7623, -2.8744, 3.9698

Deuteranomaly

15.9362, -2.1763, 3.5720

Tritanomaly

16.0618, -3.8444, 0.6656

Monochromacy



Original Color

15.9956, -5.8128, 3.8607

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.4246, -2.6494, 2.0801

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9956, -5.8128, 3.8607 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(33, 48, 35)` looks like.

```
.text, #text, p{  
    color:rgb(33, 48, 35)  
}
```

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(33, 48, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 48, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9956, -5.8128, 3.8607 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(33, 48, 35) }
```


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

```
.border{ border-color:rgb(33, 48, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 48, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 48, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 48, 35);  
box-shadow:4px 4px 4px 4px rgb(33, 48, 35)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.9956, -5.8128, 3.8607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 48, 35) }
```

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

```
.background{ background-color: rgb(33, 48,  
35) }
```

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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