

Converting Colors

HunterLab(15.8768, -7.9355,
5.8696)

Have a look what the booklet for
HunterLab(15.8768, -7.9355, 5.8696)
contains.

HunterLab(15.8828, -7.8461, 5.7788)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(15.8828, -7.8461,
5.7788)**

Conversions

Conversions Part 1

Format	Color
Hex	1C311B
RGB	28, 49, 27
RGB Percent	11%, 19%, 11%
CMY	0.8902, 0.8078, 0.8941
CMYK	0.43, 0.00, 0.45, 0.81
HSL	117°, 29%, 15%
HSV	117°, 45%, 19%
XYZ	1.7750, 2.5226, 1.4303
YIQ	40.2130, -5.4540, -11.2940

Conversions

Conversions Part 2

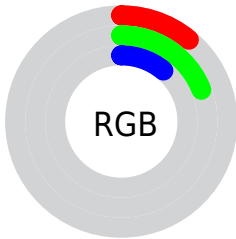
Format	Color
R_{YB}	27, 49, 48
Decimal	1847579
CIE _{Lab}	18.02, -13.99, 11.47
CIE _{LCh}	18, 18.085, 140.652
Yxy	2.5227, 0.3099, 0.4404
Android (android.graphics.Color)	4280037659 (0xFF1C311B)
YUV	40.2130, -6.5140, -10.7108
Hunter-Lab	15.8828, -7.8461, 5.7788

Details

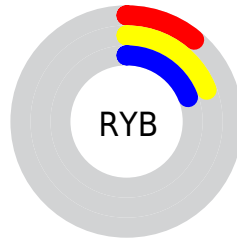
The HunterLab color **15.8828, -7.8461, 5.7788** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12.7831, 7.8660, -5.4633**, and the grayscale version is **14.6577, -0.7821, 0.7964**.

A 20% lighter version of the original color is **31.7109, -10.5906, 8.2090**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.6238, -9.0054, 6.5698**, and if you desaturate by 10%, it is **16.1818, -6.5359, 4.8758**.

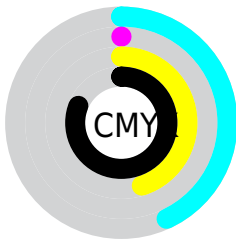
Distribution



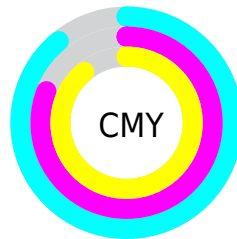
- Red (11%)
- Green (19%)
- Blue (11%)



- Red (11%)
- Yellow (19%)
- Blue (19%)



- Cyan (43%)
- Magenta (0%)
- Yellow (45%)
- Black (81%)



- Cyan (89%)
- Magenta (81%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.8828, -7.8461, 5.7788 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 15.8828, -7.8461, 5.7788 by changing the saturation by 10% instead.

■ 15.8828, -7.8461,
5.7788

■ 15.8828, -7.8461,
5.7788

110.5494,
-20.2435, 16.8940

■ 9.4233, -6.9704,
5.5569

■ 31.7803, -10.8410,
8.4127

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 41.0013, -12.2394,
9.6535

0.0000, NaN, NaN

■ 50.9738, -13.6039,
10.8714

0.0000, NaN, NaN

■ 61.6447, -14.9470,
12.0772

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.9712, -16.2774,
13.2781

0.0000, NaN, NaN

■ 84.9171, -17.6009,

0.0000, NaN, NaN

14.4791

■ 97.4521, -18.9219,
15.6835

■ 15.8828, -7.8461,
5.7788

■ 15.8828, -7.8461,
5.7788

■ 15.6238, -9.0054,
6.5698

■ 16.1818, -6.5359,
4.8758

■ 15.4037, -10.0053,
7.2435

■ 16.5196, -5.0842,
3.8671

■ 15.2221, -10.8411,
7.7974

■ 16.8958, -3.5031,
2.7611

■ 15.0761, -11.5218,
8.2524

■ 17.3096, -1.8053,
1.5667

■ 14.9398, -12.1679,
8.7079

■ 17.7598, -0.0039,
0.2931

■ 14.8697, -12.5025,
8.9438

■ 18.2451, 1.8883,
-1.0505

■ 18.7639, 3.8590,
-2.4551

■ 19.3149, 5.8967,
-3.9126

■ 19.8965, 7.9911,
-5.4151

Harmonies

Analogous

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



15.8831, -4.2140, 7.4251



15.8828, -7.8461, 5.7788



15.8831, -9.5374, 2.3292

Triad

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



15.8831, -7.8464, 5.7789



15.8831, -2.4355, -11.6296



15.8831, 9.5991, 3.8590

Complementary

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



15.8828, -7.8461, 5.7788



12.7831, 7.8660, -5.4633

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.



15.8831, 10.2351, -0.7544



15.8828, -7.8461, 5.7788



15.8831, 2.8232, -10.8170

Square

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



15.8831, -7.8464, 5.7789



15.8831, -6.6882, -8.3574



15.8831, 7.6204, -6.4008



15.8831, 5.9801, 6.5891

Rectangle

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



15.8828, -7.8461, 5.7788



15.8831, -9.5070, -0.9904



15.8831, 7.6204, -6.4008



15.8831, 10.1855, 2.5197

Sweetspot

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



15.8831, -7.8464, 5.7789



21.8061, -4.2556, 3.3761



16.8463, -2.8067, 6.6819



11.9468, -2.4238, 1.9148



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.



15.8831, -7.8464, 5.7789



20.0464, -11.8686, 8.6441



16.0084, -7.0214, 3.2892



9.8053, -1.3681, 1.1323



26.8563, -22.7789, 16.1499



70.3992, -60.1353, 42.3269

Inverse Universe

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



12.7831, 7.8660, -5.4633



15.1401, 13.1657, -9.2895



12.5859, 6.7158, -1.2107



9.4592, 0.3687, -0.1084



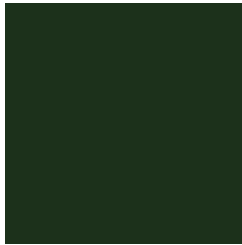
16.3276, 32.4047, -23.8917



42.7178, 84.8523, -63.0682

Previews

White Background



This preview shows how the HunterLab color 15.8828, -7.8461, 5.7788 looks on a white background.

Color Contrast Check

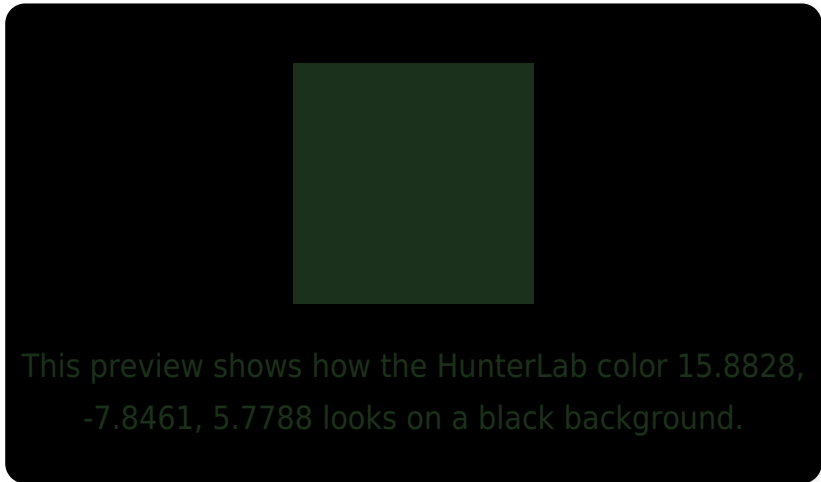
Large Text (above 18pt) WCAG AA ✓ Pass

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

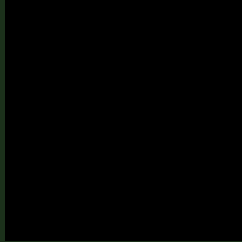
Any Text WCAG AA × Fail

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 15.8828, -7.8461, 5.7788 Background



This preview shows how black text looks on a background with the HunterLab color 15.8828, -7.8461, 5.7788.



This preview shows how white text looks on a background with the HunterLab color 15.8828, -7.8461,

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

15.8828, -7.8461, 5.7788

Protanopia

15.8112, -1.7593, 6.2632

Deuteranopia

15.8162, 0.7388, 5.4013



Tritanopia

15.8354, -3.1396, -1.5956

Trichromacy



Original Color

15.8828, -7.8461, 5.7788

Protanomaly

15.8114, -4.2117, 6.0045

Deuteranomaly

15.7990, -2.9426, 5.5609

Tritanomaly

15.7845, -5.0113, 1.4107

Monochromacy



Original Color

15.8828, -7.8461, 5.7788

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.9137, -3.4202, 2.8083

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.8828, -7.8461, 5.7788 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(28, 49, 27)` looks like.

```
.text, #text, p{  
    color:rgb(28, 49, 27)  
}
```

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(28, 49, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 49, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 15.8828, -7.8461, 5.7788 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(28, 49, 27) }
```


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

```
.border{ border-color:rgb(28, 49, 27) }
```

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

Here you see how a box with a 4 pixel rgb(28, 49, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 49, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 49, 27);  
box-shadow:4px 4px 4px 4px rgb(28, 49, 27)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.8828, -7.8461, 5.7788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 49, 27) }
```

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

```
.background{ background-color: rgb(28, 49,  
27) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor