

Converting Colors

HunterLab(14.9327, 11.3302,
5.3849)

Have a look what the booklet for
HunterLab(14.9327, 11.3302,
5.3849) contains.

HunterLab(15.0331, 11.2485, 5.3708)	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(15.0331, 11.2485,
5.3708)**

Conversions

Conversions Part 1

Format	Color
Hex	461D1B
RGB	70, 29, 27
RGB Percent	27%, 11%, 11%
CMY	0.7255, 0.8863, 0.8941
CMYK	0.00, 0.59, 0.61, 0.73
HSL	3°, 44%, 19%
HSV	3°, 61%, 27%
XYZ	3.1630, 2.2599, 1.3064
YIQ	41.0310, 25.0780, 8.0700

Conversions

Conversions Part 2

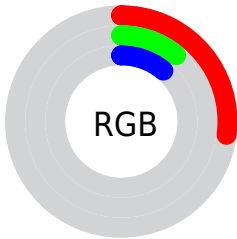
Format	Color
RYB	70, 29, 27
Decimal	4594971
CIELab	16.80, 19.46, 10.76
CIElCh	17, 22.237, 28.937
Yxy	2.2601, 0.4700, 0.3358
Android (android.graphics.Color)	4282785051 (0xFF461D1B)
YUV	41.0310, -6.9173, 25.4058
Hunter-Lab	15.0331, 11.2485, 5.3708




Details

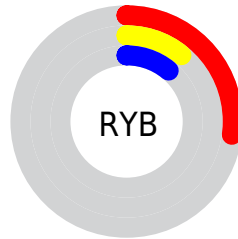
The HunterLab color **15.0331, 11.2485, 5.3708** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **21.9297, -8.8754, -2.3081**, and the grayscale version is **14.9173, -0.7960, 0.8105**.




A 20% lighter version of the original color is **30.6671, 12.9166, 7.9206**, and **3.0555, 5.2327, 1.9744** is the 20% darker color. If you saturate the color by 10%, you get **13.9249, 13.3858, 5.9969**, and if you desaturate by 10%, it is **16.3090, 9.0619, 4.7064**.

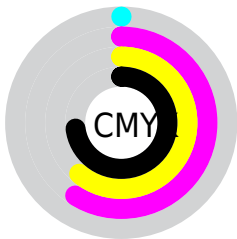
Distribution







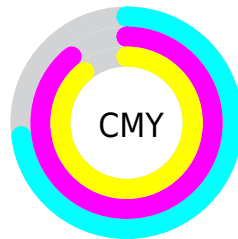
-  Red (27%)
-  Green (11%)
-  Blue (11%)






-  Red (27%)
-  Yellow (11%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (59%)
-  Yellow (61%)
-  Black (73%)



-  Cyan (73%)
-  Magenta (89%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.0331, 11.2485, 5.3708 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 15.0331, 11.2485, 5.3708 by changing the saturation by 10% instead.

■ 15.0331, 11.2485,
5.3708

■ 15.0331, 11.2485,
5.3708

108.9165, 15.3239,
16.1129

■ 8.6744, 10.3477,
5.6137

■ 30.7061, 12.9005,
7.9024

0.0000, INF, NaN

0.0000, NaN, NaN

■ 39.8308, 13.5216,
9.0975

0.0000, NaN, NaN

■ 49.7143, 14.0318,
10.2725

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.3022, 14.4453,
11.4381

0.0000, NaN, NaN

■ 71.5505, 14.7733,
12.6009

0.0000, NaN, NaN

■ 83.4223, 15.0245,

0.0000, NaN, NaN

13.7657

■ 95.8867, 15.2061,
14.9356

■ 15.0331, 11.2485,
5.3708

■ 15.0331, 11.2485,
5.3708

■ 13.9249, 13.3858,
5.9969

■ 16.3090, 9.0619,
4.7064

■ 13.0060, 15.3745,
6.5476

■ 17.7287, 6.8970,
4.0294

■ 12.2889, 17.0751,
7.0400

■ 19.2721, 4.7911,
3.3566

■ 11.7169, 18.5133,
7.5440

■ 20.9216, 2.7615,
2.6972

■ 22.6622, 0.8124,
2.0553

■ 24.4820, -1.0591,
1.4321

■ 26.3710, -2.8596,
0.8270

■ 28.3211, -4.5970,
0.2386

■ 30.3256, -6.2793,
-0.3349

Harmonies

Analogous

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



15.0335, 13.2234, 0.6043



15.0331, 11.2485, 5.3708



15.0335, 5.9253, 7.7906

Triad

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



15.0335, 11.2475, 5.3711



15.0335, -9.7865, 5.6085



15.0335, -1.0256, -15.7209

Complementary

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



15.0331, 11.2485, 5.3708



21.9297, -8.8754, -2.3081

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.



15.0335, -6.5231, -12.6647



15.0331, 11.2485, 5.3708



15.0335, -11.0438, 1.0292

Square

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



15.0335, 11.2475, 5.3711



15.0335, -6.1948, 7.9043



15.0335, -9.9531, -5.8427



15.0335, 5.4754, -13.0465

Rectangle

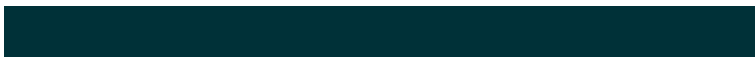
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15.0331, 11.2485, 5.3708



15.0335, 1.5771, 8.5559



15.0335, -9.9531, -5.8427



15.0335, -3.0436, -15.3139

Sweetspot

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



15.0335, 11.2475, 5.3711



28.1992, 2.9414, 3.3276



15.8438, 17.0958, -10.7440



14.0819, 1.6818, 1.7458



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



15.0335, 11.2475, 5.3711



17.6514, 19.1651, 8.3337



19.1225, 2.5795, 8.6134



12.3440, 0.1486, 1.0008



16.6691, 26.9964, 10.7441



40.6846, 68.2234, 26.2640

Inverse Universe

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



21.9297, -8.8754, -2.3081



28.3658, -12.8979, -3.8149



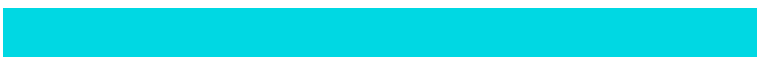
16.4729, -0.9069, -10.7205



12.9167, -1.4548, 0.3823



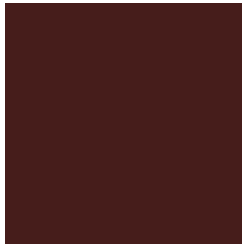
30.1020, -15.0262, -5.1875



74.0612, -36.7869, -13.1576

Previews

White Background



This preview shows how the HunterLab color 15.0331, 11.2485, 5.3708 looks on a white background.

Color Contrast Check

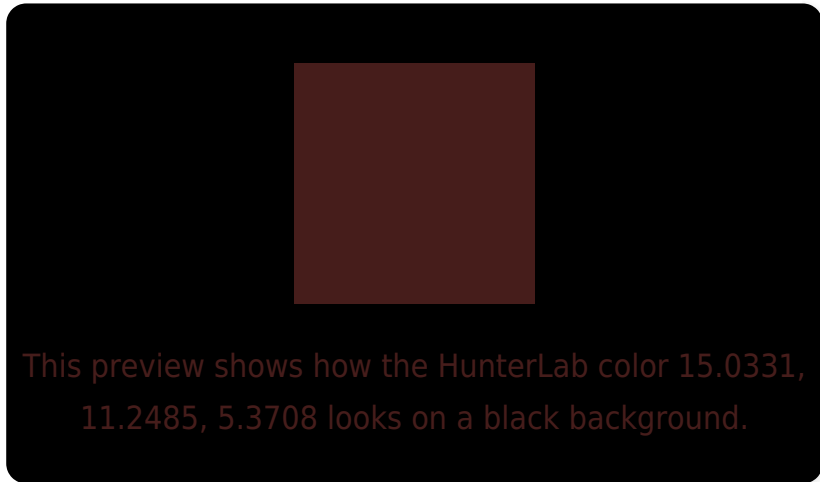
Large Text (above 18pt) WCAG AA ✓ Pass

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

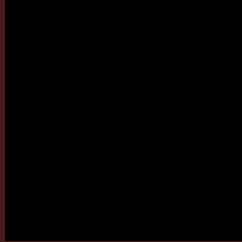
Any Text WCAG AA × Fail

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 15.0331, 11.2485, 5.3708 Background



This preview shows how black text looks on a background with the HunterLab color 15.0331, 11.2485, 5.3708.



This preview shows how white text looks on a background with the HunterLab color 15.0331, 11.2485,

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

15.0331, 11.2485, 5.3708

Protanopia

15.2253, -1.1933, 4.0395

Deuteranopia

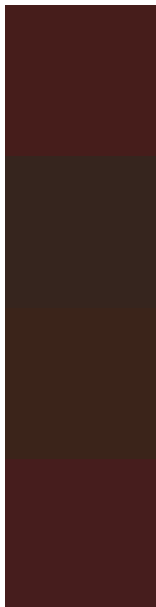
15.2244, 0.9151, 5.8156



Tritanopia

15.0816, 11.4750, 4.6654

Trichromacy



Original Color

15.0331, 11.2485, 5.3708

Protanomaly

14.8362, 3.1191, 4.2880

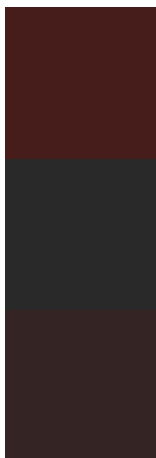
Deuteranomaly

15.0537, 4.7342, 5.5098

Tritanomaly

15.0650, 11.3972, 4.9077

Monochromacy



Original Color

15.0331, 11.2485, 5.3708

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

14.7668, 3.1230, 2.4524

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.0331, 11.2485, 5.3708 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(70, 29, 27)` looks like.

```
.text, #text, p{  
    color:rgb(70, 29, 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(70, 29, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 29, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 15.0331, 11.2485, 5.3708 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(70, 29, 27) }
```


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

```
.border{ border-color:rgb(70, 29, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 29, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 29, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 29, 27);  
box-shadow:4px 4px 4px 4px rgb(70, 29, 27)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.0331, 11.2485, 5.3708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 29, 27) }
```

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

```
.background{ background-color: rgb(70, 29,  
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