

Converting Colors

HunterLab(14.9040, -1.5512,
1.4124)

Have a look what the booklet for
HunterLab(14.9040, -1.5512, 1.4124)
contains.

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Color

**HunterLab(15.0118, -1.6658,
1.6400)**

Conversions

Conversions Part 1

Format	Color
Hex	282A27
RGB	40, 42, 39
RGB Percent	16%, 16%, 15%
CMY	0.8431, 0.8353, 0.8471
CMYK	0.05, 0.00, 0.07, 0.84
HSL	100°, 4%, 16%
HSV	100°, 7%, 16%
XYZ	2.0693, 2.2535, 2.2454
YIQ	41.0600, -0.2290, -1.3570

Conversions

Conversions Part 2

Format	Color
R_{YB}	39, 42, 41
Decimal	2632231
CIE _{Lab}	16.77, -1.62, 1.65
CIE _{LCh}	17, 2.307, 134.460
Yxy	2.2536, 0.3150, 0.3431
Android (android.graphics.Color)	4280822311 (0xFF282A27)
YUV	41.0600, -1.0156, -0.9296
Hunter-Lab	15.0118, -1.6658, 1.6400

Details

The HunterLab color **15.0118, -1.6658, 1.6400** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.4558, 0.1144, -0.0752**, and the grayscale version is **14.9140, -0.7958, 0.8103**.

A 20% lighter version of the original color is **30.6395, -2.6156, 2.6036**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **14.7418, -2.8094, 2.7018**, and if you desaturate by 10%, it is **15.3010, -0.4623, 0.4893**.

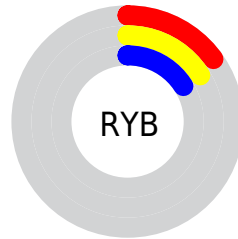
Distribution



Red (16%)

Green (16%)

Blue (15%)



Red (15%)

Yellow (16%)

Blue (16%)

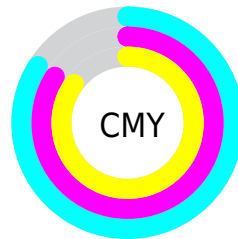


Cyan (5%)

Magenta (0%)

Yellow (7%)

Black (84%)



Cyan (84%)

Magenta (84%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.0118, -1.6658, 1.6400 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 15.0118, -1.6658, 1.6400 by changing the saturation by 10% instead.

■ 15.0118, -1.6658,
1.6400

■ 15.0118, -1.6658,
1.6400

■ 108.8751, -7.5023,
7.5542

■ 8.6545, -1.2759,
1.2598

■ 30.6790, -2.7402,
2.7261

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 39.8012, -3.3287,
3.3218

0.0000, NaN, NaN

■ 49.6825, -3.9498,
3.9509

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.2682, -4.6023,
4.6121

0.0000, NaN, NaN

■ 71.5145, -5.2848,
5.3042

0.0000, NaN, NaN

■ 83.3845, -5.9964,

0.0000, NaN, NaN

6.0259

■ 95.8470, -6.7359,
6.7762

■ 15.0118, -1.6658,
1.6400

■ 15.0118, -1.6658,
1.6400

■ 14.7418, -2.8094,
2.7018

■ 15.3010, -0.4623,
0.4893

■ 14.4906, -3.8871,
3.6693

■ 15.6081, 0.7970,
-0.7460

■ 14.2587, -4.8945,
4.5386

■ 15.9329, 2.1068,
-2.0603

■ 14.0464, -5.8269,
5.3065

■ 16.2747, 3.4622,
-3.4483

■ 13.8539, -6.6805,
5.9706

■ 16.6331, 4.8585,
-4.9047

■ 13.6810, -7.4521,
6.5299

■ 17.0075, 6.2914,
-6.4241

■ 13.5277, -8.1394,
6.9851

■ 17.3972, 7.7566,
-8.0017

■ 13.3889, -8.7707,
7.4100

■ 17.8017, 9.2506,
-9.6325

■ 13.2609, -9.3650,
7.8534

■ 18.2204, 10.7697,
-11.3121

Harmonies

Analogous

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



15.0121, -1.1122, 1.9221



15.0118, -1.6658, 1.6400



15.0121, -1.9856, 1.1318

Triad

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



15.0121, -1.6661, 1.6402



15.0121, -1.1348, -0.3725



15.0121, 0.4261, 1.1106

Complementary

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



15.0118, -1.6658, 1.6400



14.4558, 0.1144, -0.0752

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.



15.0121, 0.4199, 0.4955



15.0118, -1.6658, 1.6400



15.0121, -0.4888, -0.3788

Square

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



15.0121, -1.6661, 1.6402



15.0121, -1.6824, -0.0386



15.0121, 0.0825, -0.0553



15.0121, 0.0996, 1.6253

Rectangle

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



15.0118, -1.6658, 1.6400



15.0121, -2.0262, 0.7245



15.0121, 0.0825, -0.0553



15.0121, 0.4631, 0.9092

Sweetspot

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



15.0121, -1.6661, 1.6402



18.9772, -1.3371, 1.3425



14.9154, -0.8017, 1.5466



10.7547, -0.7286, 0.7329



57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

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



15.0121, -1.6661, 1.6402



18.7158, -2.4326, 2.3791



14.9572, -1.8382, 1.4022



8.3562, -0.9784, 0.9610



25.7128, -19.5748, 15.5014



69.4509, -54.6615, 41.8384

Inverse Universe

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



14.4558, 0.1144, -0.0752



17.7900, 0.5307, -0.4762



14.5154, 0.2931, 0.1921



8.0133, 0.1190, -0.0963



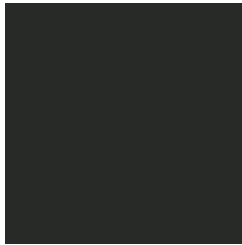
12.1911, 26.1473, -32.9718



32.2621, 69.9285, -92.9404

Previews

White Background



This preview shows how the HunterLab color 15.0118, -1.6658, 1.6400 looks on a white background.

Color Contrast Check

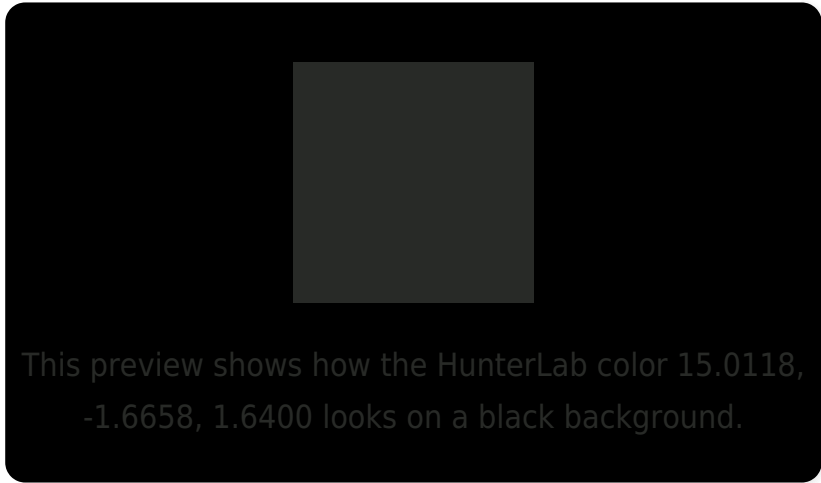
Large Text (above 18pt) WCAG AA ✓ Pass

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

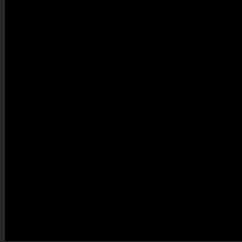
Any Text WCAG AA × Fail

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 15.0118, -1.6658, 1.6400 Background



This preview shows how black text looks on a background with the HunterLab color 15.0118, -1.6658, 1.6400.



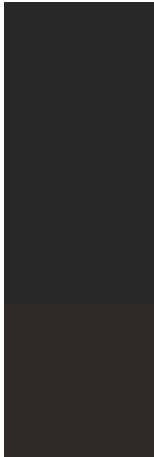
This preview shows how white text looks on a background with the HunterLab color 15.0118, -1.6658,

1.6400.

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

15.0118, -1.6658, 1.6400

Protanopia

14.9865, -0.5539, 1.6311

Deuteranopia

14.9830, 0.6055, 1.6475



Tritanopia

14.9638, -0.3963, -0.2278

Trichromacy



Original Color

15.0118, -1.6658, 1.6400

Protanomaly

14.9151, -0.8017, 1.5464

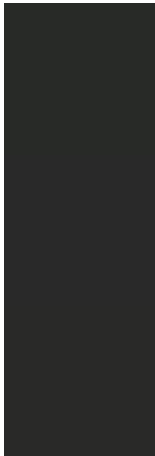
Deuteranomaly

15.0593, -0.3024, 1.7171

Tritanomaly

14.9146, -0.6647, 0.4709

Monochromacy



Original Color

15.0118, -1.6658, 1.6400

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

14.8677, -0.9216, 1.1398

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.0118, -1.6658, 1.6400 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(40, 42, 39)` looks like.

```
.text, #text, p{  
    color:rgb(40, 42, 39)  
}
```

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(40, 42, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 42, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 15.0118, -1.6658, 1.6400 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(40, 42, 39) }
```


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

```
.border{ border-color:rgb(40, 42, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 42, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 42, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 42, 39);  
box-shadow:4px 4px 4px 4px rgb(40, 42, 39)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.0118, -1.6658, 1.6400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 42, 39) }
```

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

```
.background{ background-color: rgb(40, 42,  
39) }
```

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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