

Converting Colors

HunterLab(15.0581, -1.6369,
2.9586)

Have a look what the booklet for
HunterLab(15.0581, -1.6369, 2.9586)
contains.

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Color

**HunterLab(15.0649, -1.6450,
2.9961)**

Conversions

Conversions Part 1

Format	Color
Hex	2A2A23
RGB	42, 42, 35
RGB Percent	16%, 16%, 14%
CMY	0.8353, 0.8353, 0.8627
CMYK	0.00, 0.00, 0.17, 0.84
HSL	60°, 9%, 15%
HSV	60°, 17%, 16%
XYZ	2.0862, 2.2695, 1.9182
YIQ	41.2020, 2.2470, -2.1770

Conversions

Conversions Part 2

Format	Color
RYB	35, 42, 35
Decimal	2763299
CIELab	16.84, -1.57, 4.58
CIELCh	17, 4.846, 108.898
Yxy	2.2696, 0.3325, 0.3617
Android (android.graphics.Color)	4280953379 (0xFF2A2A23)
YUV	41.2020, -3.0576, 0.6998
Hunter-Lab	15.0649, -1.6450, 2.9961

Details

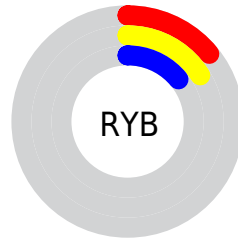
The HunterLab color **15.0649, -1.6450, 2.9961** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13.1400, 0.2637, -1.7830**, and the grayscale version is **14.9659, -0.7985, 0.8131**.

A 20% lighter version of the original color is **30.6711, -2.7512, 4.5519**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **14.9871, -2.0789, 4.1247**, and if you desaturate by 10%, it is **15.1529, -1.1620, 1.7381**.

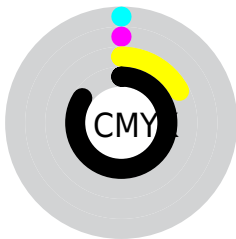
Distribution



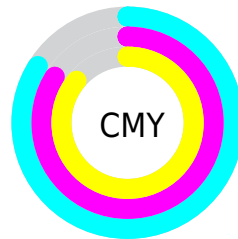
- Red (16%)
- Green (16%)
- Blue (14%)



- Red (14%)
- Yellow (16%)
- Blue (14%)



- Cyan (0%)
- Magenta (0%)
- Yellow (17%)
- Black (84%)



- Cyan (84%)
- Magenta (84%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.0649, -1.6450, 2.9961 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 15.0649, -1.6450, 2.9961 by changing the saturation by 10% instead.

■ 15.0649, -1.6450,
2.9961

■ 15.0649, -1.6450,
2.9961

108.9779, -7.4599,
10.4026

■ 8.7038, -1.2507,
2.6573

■ 30.7463, -2.7131,
4.5219

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 39.8747, -3.2989,
5.3020

0.0000, NaN, NaN

■ 49.7616, -3.9176,
6.1000

0.0000, NaN, NaN

■ 60.3526, -4.5678,
6.9180

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.6038, -5.2482,
7.7569

0.0000, NaN, NaN

■ 83.4785, -5.9577,

0.0000, NaN, NaN

8.6172

■ 95.9455, -6.6953,
9.4991

■ 15.0649, -1.6450,
2.9961

■ 15.0649, -1.6450,
2.9961

■ 14.9871, -2.0789,
4.1247

■ 15.1529, -1.1620,
1.7381

■ 14.9182, -2.4630,
5.1242

■ 15.2501, -0.6287,
0.3499

■ 14.8584, -2.7982,
5.9965

■ 15.3571, -0.0459,
-1.1675

■ 14.8072, -3.0856,
6.7443

■ 15.4740, 0.5861,
-2.8128

■ 14.7645, -3.3266,
7.3713

■ 15.6008, 1.2664,
-4.5840

■ 14.7298, -3.5229,
7.8821

■ 15.7376, 1.9939,
-6.4784

■ 14.6985, -3.7004,
8.3438

■ 15.8843, 2.7675,
-8.4930

■ 14.6671, -3.8787,
8.8075

■ 16.0409, 3.5859,
-10.6242

■ 14.6566, -3.9383,
8.9624

■ 16.2073, 4.4475,
-12.8681

Harmonies

Analogous

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



15.0652, -0.2959, 3.0703



15.0649, -1.6450, 2.9961



15.0652, -2.7320, 2.3709

Triad

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



15.0652, -1.6454, 2.9963



15.0652, -2.4917, -1.1855



15.0652, 1.8586, 0.3313

Complementary

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



15.0649, -1.6450, 2.9961



13.1400, 0.2637, -1.7830

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.



15.0652, 1.2247, -0.9156



15.0649, -1.6450, 2.9961



15.0652, -1.3068, -1.8417

Square

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



15.0652, -1.6454, 2.9963



15.0652, -3.2085, -0.0113



15.0652, 0.0550, -1.7388



15.0652, 1.7600, 1.6065

Rectangle

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



15.0649, -1.6450, 2.9961



15.0652, -3.1761, 1.6916



15.0652, 0.0550, -1.7388



15.0652, 1.7232, -0.1069

Sweetspot

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



15.0652, -1.6454, 2.9963



18.9905, -1.3664, 1.9456



13.4748, 1.0494, 1.3248



10.7550, -0.7757, 1.1067



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.



15.0652, -1.6454, 2.9963



18.8195, -2.3109, 4.4040



14.8291, -2.4869, 2.7364



8.4401, -0.6825, 1.0594



28.7318, -7.7208, 17.5692



78.0083, -20.9633, 47.7014

Inverse Universe

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



13.1400, 0.2637, -1.7830



15.7748, 0.7171, -3.1771



13.3825, 1.0818, -1.4402



7.9273, -0.1758, -0.2090



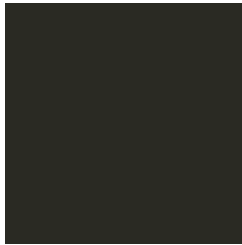
8.0157, 21.7418, -56.9480



21.7624, 59.0296, -154.6242

Previews

White Background



This preview shows how the HunterLab color 15.0649, -1.6450, 2.9961 looks on a white background.

Color Contrast Check

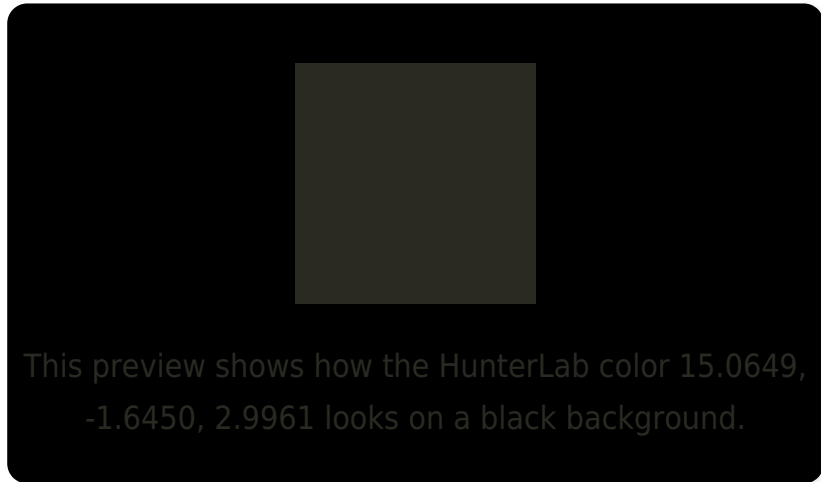
Large Text (above 18pt) WCAG AA ✓ Pass

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

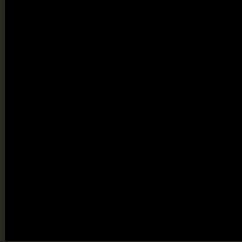
Any Text WCAG AA × Fail

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 15.0649, -1.6450, 2.9961 Background



This preview shows how black text looks on a background with the HunterLab color 15.0649, -1.6450, 2.9961.

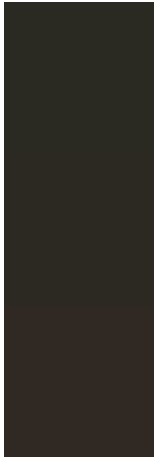


This preview shows how white text looks on a background with the HunterLab color 15.0649, -1.6450,

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

15.0649, -1.6450, 2.9961

Protanopia

14.9756, -0.7593, 2.9192

Deuteranopia

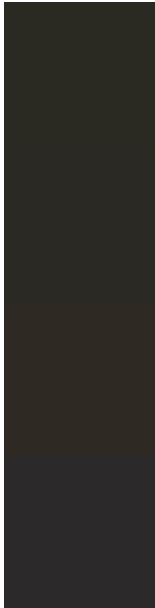
15.0576, 0.6903, 3.0294



Tritanopia

15.1040, 0.0855, -0.0453

Trichromacy



Original Color

15.0649, -1.6450, 2.9961

Protanomaly

14.9024, -1.0145, 2.8387

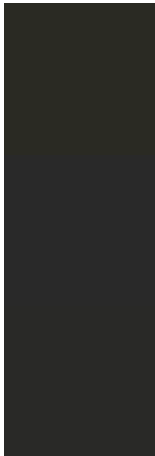
Deuteranomaly

15.1264, -0.2381, 3.0840

Tritanomaly

15.0318, -0.3066, 0.9828

Monochromacy



Original Color

15.0649, -1.6450, 2.9961

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

14.8451, -1.0457, 1.4631

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.0649, -1.6450, 2.9961 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(42, 42, 35)` looks like.

```
.text, #text, p{  
    color:rgb(42, 42, 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(42, 42, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 42, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 15.0649, -1.6450, 2.9961 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(42, 42, 35) }
```


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

```
.border{ border-color:rgb(42, 42, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 42, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 42, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 42, 35);  
box-shadow:4px 4px 4px 4px rgb(42, 42, 35)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.0649, -1.6450, 2.9961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 42, 35) }
```

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

```
.background{ background-color: rgb(42, 42,  
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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