

Converting Colors

HunterLab(15.5029, -2.6050,
4.0045)

Have a look what the booklet for
HunterLab(15.5029, -2.6050, 4.0045)
contains.

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Color

**HunterLab(15.5029, -2.6050,
4.0045)**

Conversions

Conversions Part 1

Format	Color
Hex	2A2C21
RGB	42, 44, 33
RGB Percent	16%, 17%, 13%
CMY	0.8353, 0.8274, 0.8706
CMYK	0.05, 0.00, 0.25, 0.83
HSL	71°, 14%, 15%
HSV	71°, 25%, 17%
XYZ	2.1300, 2.4034, 1.7905
YIQ	42.1480, 2.3390, -3.8450

Conversions

Conversions Part 2

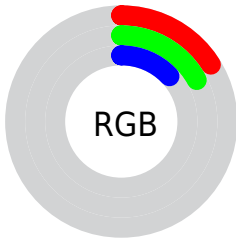
Format	Color
RYB	33, 44, 35
Decimal	2763809
CIELab	17.48, -3.33, 6.86
CIElCh	17, 7.623, 115.871
Yxy	2.4035, 0.3368, 0.3801
Android (android.graphics.Color)	4280953889 (0xFF2A2C21)
YUV	42.1480, -4.5100, -0.1298
Hunter-Lab	15.5029, -2.6050, 4.0045

Details

The HunterLab color **15.5029, -2.6050, 4.0045** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12.7551, 1.3527, -3.1936**, and the grayscale version is **15.2784, -0.8152, 0.8301**.

A 20% lighter version of the original color is **31.1558, -3.8619, 5.7690**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.3744, -3.2203, 5.0339**, and if you desaturate by 10%, it is **15.6424, -1.9396, 2.8451**.

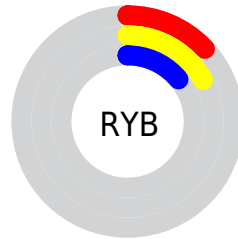
Distribution



Red (16%)

Green (17%)

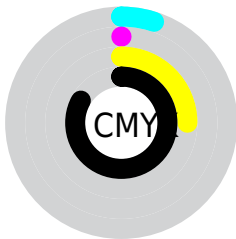
Blue (13%)



Red (13%)

Yellow (17%)

Blue (14%)

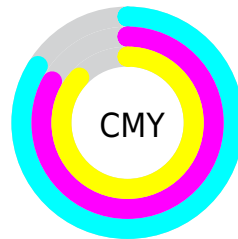


Cyan (5%)

Magenta (0%)

Yellow (25%)

Black (83%)



Cyan (84%)

Magenta (83%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.5029, -2.6050, 4.0045 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 15.5029, -2.6050, 4.0045 by changing the saturation by 10% instead.

■ 15.5029, -2.6050,
4.0045

■ 15.5029, -2.6050,
4.0045

■ 109.8220, -9.3373,
12.6120

■ 9.0978, -2.0791,
3.6203

■ 31.3009, -3.9378,
5.8862

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.4792, -4.6365,
6.8151

0.0000, NaN, NaN

■ 50.4122, -5.3592,
7.7491

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.0463, -6.1064,
8.6930

0.0000, NaN, NaN

■ 72.3380, -6.8782,
9.6496

0.0000, NaN, NaN

■ 84.2511, -7.6741,

0.0000, NaN, NaN

10.6210

■ 96.7546, -8.4940,
11.6082

■ 15.5029, -2.6050,
4.0045

■ 15.5029, -2.6050,
4.0045

■ 15.3744, -3.2203,
5.0339

■ 15.6424, -1.9396,
2.8451

■ 15.2558, -3.7840,
5.9333

■ 15.7920, -1.2236,
1.5556

■ 15.1472, -4.2967,
6.7043

■ 15.9521, -0.4581,
0.1375

■ 15.0483, -4.7589,
7.3493

■ 16.1228, 0.3556,
-1.4075

■ 14.9588, -5.1716,
7.8721

■ 16.3040, 1.2161,
-3.0767

■ 14.8758, -5.5506,
8.3139

■ 16.4956, 2.1220,
-4.8670

■ 14.7937, -5.9287,
8.7589

■ 16.6977, 3.0714,
-6.7750

■ 14.7529, -6.1177,
8.9835

■ 16.9101, 4.0627,
-8.7968

■ 17.1327, 5.0938,
-10.9283

Harmonies

Analogous

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



15.5032, -0.5268, 4.3009



15.5029, -2.6050, 4.0045



15.5032, -4.1300, 2.9079

Triad

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



15.5032, -2.6054, 4.0047



15.5032, -3.0982, -2.8106



15.5032, 3.5526, 0.5557

Complementary

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



15.5029, -2.6050, 4.0045



12.7551, 1.3527, -3.1936

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.



15.5032, 2.7757, -1.5499



15.5029, -2.6050, 4.0045



15.5032, -1.1270, -3.6552

Square

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



15.5032, -2.6054, 4.0047



15.5032, -4.4034, -0.9881



15.5032, 1.0332, -3.1649



15.5032, 3.1039, 2.4764

Rectangle

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



15.5029, -2.6050, 4.0045



15.5032, -4.6670, 1.7810



15.5032, 1.0332, -3.1649



15.5032, 3.4251, -0.1556

Sweetspot

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



15.5032, -2.6054, 4.0047



19.7554, -1.8519, 2.5274



13.5558, 1.4201, 2.0847



10.6984, -1.0205, 1.4004



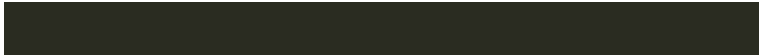
57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

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



15.5032, -2.6054, 4.0047



19.3501, -3.7904, 5.9036



15.1606, -3.8510, 3.6474



9.1672, -0.8484, 1.1530



28.4689, -12.3435, 17.3263



75.7202, -33.9045, 46.0648

Inverse Universe

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



12.7551, 1.3527, -3.1936



15.0153, 2.4816, -5.5282



13.1432, 2.6222, -2.6052



8.6349, -0.0864, -0.2286



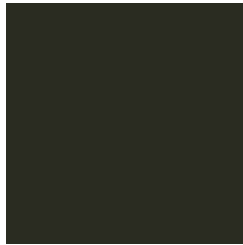
8.8960, 22.9146, -53.7850



23.0129, 60.5511, -149.0096

Previews

White Background



This preview shows how the HunterLab color 15.5029, -2.6050, 4.0045 looks on a white background.

Color Contrast Check

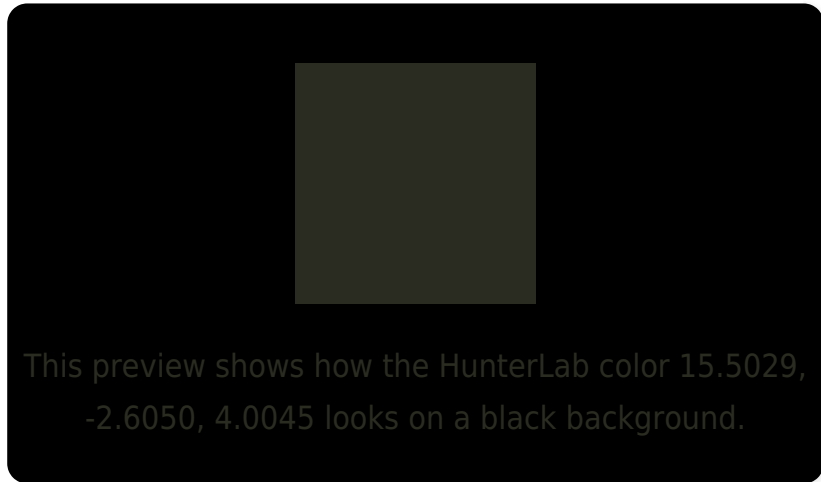
Large Text (above 18pt) WCAG AA ✓ Pass

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

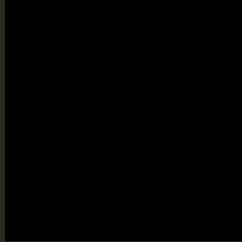
Any Text WCAG AA × Fail

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 15.5029, -2.6050, 4.0045 Background



This preview shows how black text looks on a background with the HunterLab color 15.5029, -2.6050, 4.0045.

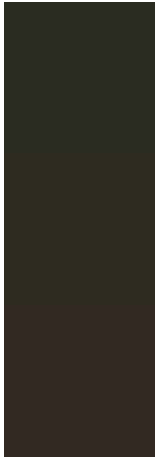


This preview shows how white text looks on a background with the HunterLab color 15.5029, -2.6050,

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

15.5029, -2.6050, 4.0045

Protanopia

15.5334, -1.3131, 4.3328

Deuteranopia

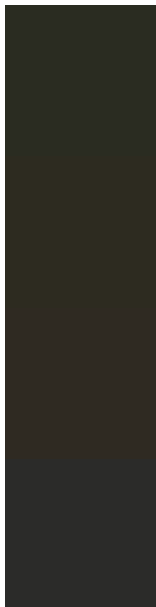
15.4256, 0.7434, 3.7013



Tritanopia

15.4553, 0.2078, -0.3886

Trichromacy



Original Color

15.5029, -2.6050, 4.0045

Protanomaly

15.4594, -1.5736, 4.2576

Deuteranomaly

15.4135, -0.4654, 3.6682

Tritanomaly

15.4966, -1.0825, 1.5037

Monochromacy



Original Color

15.5029, -2.6050, 4.0045

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.3834, -1.5682, 2.0538

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.5029, -2.6050, 4.0045 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, 44, 33)` looks like.

```
.text, #text, p{  
    color:rgb(42, 44, 33)  
}
```

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, 44, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 44, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 15.5029, -2.6050, 4.0045 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, 44, 33) }
```


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

```
.border{ border-color:rgb(42, 44, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 44, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 44, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 44, 33);  
box-shadow:4px 4px 4px 4px rgb(42, 44, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.5029, -2.6050, 4.0045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 44, 33) }
```

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

```
.background{ background-color: rgb(42, 44,  
33) }
```

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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