

Converting Colors

HunterLab(15.1887, -2.5669,
4.1996)

Have a look what the booklet for
HunterLab(15.1887, -2.5669, 4.1996)
contains.

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Color

**HunterLab(15.1595, -2.6775,
4.2243)**

Conversions

Conversions Part 1

Format	Color
Hex	292B1F
RGB	41, 43, 31
RGB Percent	16%, 17%, 12%
CMY	0.8392, 0.8314, 0.8784
CMYK	0.05, 0.00, 0.28, 0.83
HSL	70°, 16%, 15%
HSV	70°, 28%, 17%
XYZ	2.0257, 2.2981, 1.6331
YIQ	41.0340, 2.6600, -4.1560

Conversions

Conversions Part 2

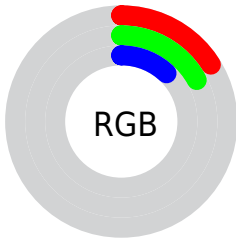
Format	Color
RYB	31, 43, 33
Decimal	2698015
CIELab	16.98, -3.53, 7.54
CIElCh	17, 8.324, 115.083
Yxy	2.2982, 0.3400, 0.3858
Android (android.graphics.Color)	4280888095 (0xFF292B1F)
YUV	41.0340, -4.9468, -0.0298
Hunter-Lab	15.1595, -2.6775, 4.2243

Details

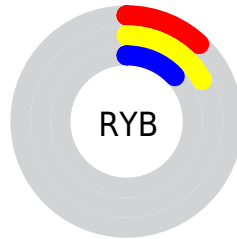
The HunterLab color **15.1595, -2.6775, 4.2243** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12.1565, 1.5346, -3.6300**, and the grayscale version is **14.9172, -0.7959, 0.8105**.

A 20% lighter version of the original color is **30.7667, -3.9614, 6.0611**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.0413, -3.2473, 5.1955**, and if you desaturate by 10%, it is **15.2882, -2.0592, 3.1266**.

Distribution



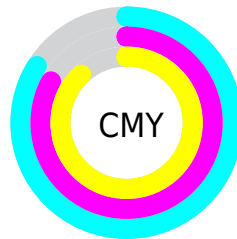
- Red (16%)
- Green (17%)
- Blue (12%)



- Red (12%)
- Yellow (17%)
- Blue (13%)



- Cyan (5%)
- Magenta (0%)
- Yellow (28%)
- Black (83%)



- Cyan (84%)
- Magenta (83%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.1595, -2.6775, 4.2243 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 15.1595, -2.6775, 4.2243 by changing the saturation by 10% instead.

■ 15.1595, -2.6775,
4.2243

■ 15.1595, -2.6775,
4.2243

■ 109.1607, -9.5044,
13.1945

■ 8.7907, -2.2187,
4.0334

■ 30.8663, -4.0389,
6.2178

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.0055, -4.7493,
7.1919

0.0000, NaN, NaN

■ 49.9024, -5.4827,
8.1668

0.0000, NaN, NaN

■ 60.5028, -6.2398,
9.1481

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.7628, -7.0207,
10.1396

0.0000, NaN, NaN

■ 83.6458, -7.8253,

0.0000, NaN, NaN

11.1435

■ 96.1207, -8.6533,
12.1615

■ 15.1595, -2.6775,
4.2243

■ 15.1595, -2.6775,
4.2243

■ 15.0413, -3.2473,
5.1955

■ 15.2882, -2.0592,
3.1266

■ 14.9325, -3.7673,
6.0406

■ 15.4266, -1.3915,
1.9021

■ 14.8332, -4.2382,
6.7614

■ 15.5751, -0.6756,
0.5516

■ 14.7431, -4.6607,
7.3607

■ 15.7337, 0.0875,
-0.9231

■ 14.6619, -5.0362,
7.8433

■ 15.9024, 0.8966,
-2.5199

■ 14.5842, -5.3943,
8.2853

■ 16.0813, 1.7505,
-4.2362

■ 14.5070, -5.7530,
8.7329

■ 16.2702, 2.6474,
-6.0686

■ 14.4909, -5.8281,
8.8272

■ 16.4690, 3.5858,
-8.0136

■ 16.6778, 4.5639,
-10.0674

Harmonies

Analogous

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



15.1598, -0.4205, 4.5131



15.1595, -2.6775, 4.2243



15.1598, -4.3394, 3.0849

Triad

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



15.1598, -2.6779, 4.2245



15.1598, -3.3101, -3.1390



15.1598, 3.9594, 0.4522

Complementary

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



15.1595, -2.6775, 4.2243



12.1565, 1.5346, -3.6300

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.



15.1598, 3.0757, -1.8467



15.1595, -2.6775, 4.2243



15.1598, -1.1950, -4.1118

Square

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



15.1598, -2.6779, 4.2245



15.1598, -4.6885, -1.1122



15.1598, 1.1536, -3.6063



15.1598, 3.5031, 2.5365

Rectangle

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



15.1595, -2.6775, 4.2243



15.1598, -4.9331, 1.8904



15.1598, 1.1536, -3.6063



15.1598, 3.8078, -0.3234

Sweetspot

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



15.1598, -2.6779, 4.2245



19.7603, -1.8346, 2.5331



13.0396, 1.6504, 2.1694



10.7012, -1.0108, 1.4036



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.



15.1598, -2.6779, 4.2245



19.3198, -3.9569, 6.3147



14.7788, -4.0689, 3.8346



8.4188, -0.7575, 1.0345



27.6955, -11.6257, 16.8623



74.9557, -32.4854, 45.6186

Inverse Universe

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



12.1565, 1.5346, -3.6300



14.5300, 2.8002, -6.3168



12.5928, 2.9501, -2.9501



7.9484, -0.1031, -0.1812



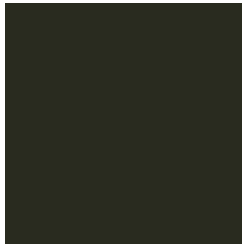
8.5795, 22.1806, -52.5014



22.5795, 59.6414, -147.9913

Previews

White Background



This preview shows how the HunterLab color 15.1595, -2.6775, 4.2243 looks on a white background.

Color Contrast Check

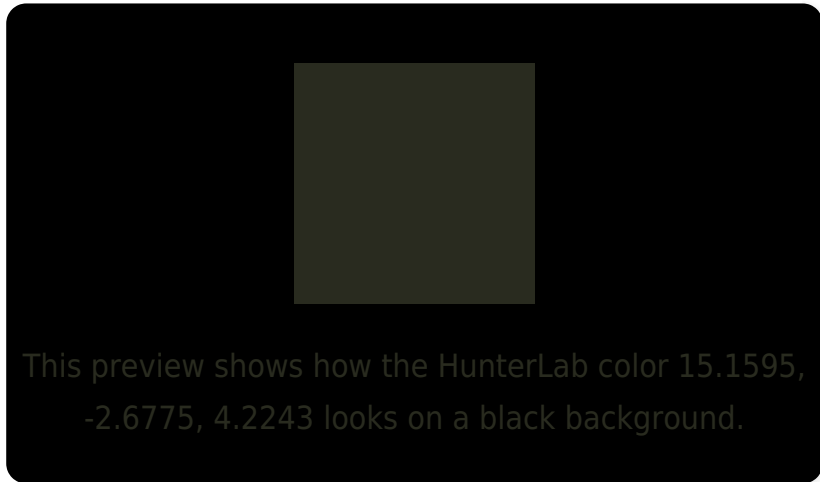
Large Text (above 18pt) WCAG AA ✓ Pass

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

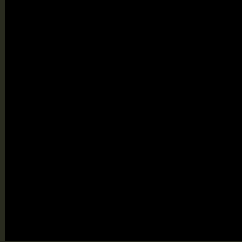
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

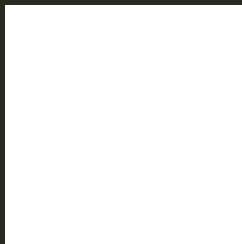
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 15.1595, -2.6775, 4.2243 Background



This preview shows how black text looks on a background with the HunterLab color 15.1595, -2.6775, 4.2243.

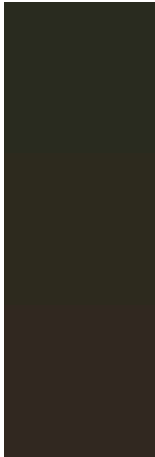


This preview shows how white text looks on a background with the HunterLab color 15.1595, -2.6775,

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

15.1595, -2.6775, 4.2243

Protanopia

15.1906, -1.3844, 4.5421

Deuteranopia

15.0826, 0.6615, 3.9336



Tritanopia

15.1292, 0.2219, -0.4027

Trichromacy



Original Color

15.1595, -2.6775, 4.2243

Protanomaly

15.1167, -1.6451, 4.4685

Deuteranomaly

15.0698, -0.5462, 3.9001

Tritanomaly

15.1703, -1.0641, 1.4834

Monochromacy



Original Color

15.1595, -2.6775, 4.2243

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.0363, -1.6648, 2.3347

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.1595, -2.6775, 4.2243 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(41, 43, 31)` looks like.

```
.text, #text, p{  
    color:rgb(41, 43, 31)  
}
```

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(41, 43, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 43, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 15.1595, -2.6775, 4.2243 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(41, 43, 31) }
```


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

```
.border{ border-color:rgb(41, 43, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 43, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 43, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 43, 31);  
box-shadow:4px 4px 4px 4px rgb(41, 43, 31)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.1595, -2.6775, 4.2243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 43, 31) }
```

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

```
.background{ background-color: rgb(41, 43,  
31) }
```

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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