

Converting Colors

HunterLab(16.0694, -3.1854,
1.0990)

Have a look what the booklet for
HunterLab(16.0694, -3.1854, 1.0990)
contains.

HunterLab(15.9622, -2.9858, 0.9326)	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(15.9622, -2.9858,
0.9326)**

Conversions

Conversions Part 1

Format	Color
Hex	262E2C
RGB	38, 46, 44
RGB Percent	15%, 18%, 17%
CMY	0.8510, 0.8196, 0.8274
CMYK	0.17, 0.00, 0.04, 0.82
HSL	165°, 10%, 16%
HSV	165°, 17%, 18%
XYZ	2.2310, 2.5479, 2.7571
YIQ	43.3800, -4.1260, -2.3180

Conversions

Conversions Part 2

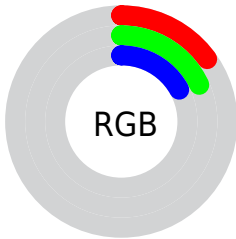
Format	Color
R_YB	38, 43, 46
Decimal	2502188
CIE Lab	18.13, -3.97, 0.12
CIE LCh	18, 3.972, 178.240
Yxy	2.5480, 0.2960, 0.3381
Android (android.graphics.Color)	4280692268 (0xFF262E2C)
YUV	43.3800, 0.3057, -4.7183
Hunter-Lab	15.9622, -2.9858, 0.9326

Details

The HunterLab color **15.9622, -2.9858, 0.9326** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.5614, 1.5220, 0.8249**, and the grayscale version is **15.6674, -0.8360, 0.8512**.

A 20% lighter version of the original color is **31.9602, -4.5612, 2.0808**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.6761, -4.0852, 0.9982**, and if you desaturate by 10%, it is **16.2780, -1.8044, 0.9007**.

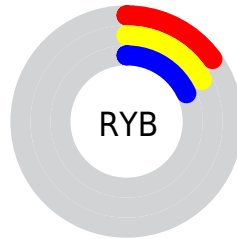
Distribution



Red (15%)

Green (18%)

Blue (17%)



Red (15%)

Yellow (17%)

Blue (18%)

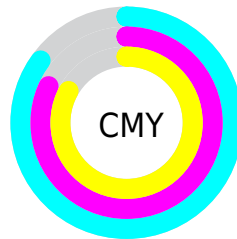


Cyan (17%)

Magenta (0%)

Yellow (4%)

Black (82%)



Cyan (85%)

Magenta (82%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9622, -2.9858, 0.9326 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 15.9622, -2.9858, 0.9326 by changing the saturation by 10% instead.

■ 15.9622, -2.9858,
0.9326

■ 15.9622, -2.9858,
0.9326

110.7010,
-10.0621, 6.1479

■ 9.4900, -2.3311,
0.5703

■ 31.8804, -4.4167,
1.8159

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 41.1102, -5.1576,
2.3255

0.0000, NaN, NaN

■ 51.0908, -5.9194,
2.8754

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.7694, -6.7032,
3.4628

0.0000, NaN, NaN

■ 73.1031, -7.5094,
4.0855

0.0000, NaN, NaN

■ 85.0559, -8.3380,

0.0000, NaN, NaN

4.7417

97.5973, -9.1890,
5.4296

15.9622, -2.9858,
0.9326

15.9622, -2.9858,
0.9326

15.6761, -4.0852,
0.9982

16.2780, -1.8044,
0.9007

15.4189, -5.0953,
1.0968

16.6218, -0.5473,
0.9014

15.1912, -6.0107,
1.2279

16.9935, 0.7782,
0.9344

14.9926, -6.8268,
1.3905

17.3921, 2.1647,
0.9986

14.8230, -7.5407,
1.5828

17.8168, 3.6051,
1.0928

■ 14.6813, -8.1512,
1.8028

■ 18.2667, 5.0928,
1.2156

■ 14.5553, -8.7041,
2.0348

■ 18.7406, 6.6216,
1.3655

■ 14.4291, -9.2624,
2.2598

■ 19.2377, 8.1856,
1.5410

■ 14.3961, -9.4089,
2.3173

■ 19.7568, 9.7797,
1.7404

Harmonies

Analogous

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



15.9625, -2.6749, 1.9285



15.9622, -2.9858, 0.9326



15.9625, -2.7391, -0.1501

Triad

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



15.9625, -2.9861, 0.9328



15.9625, 0.1985, -1.0805



15.9625, 0.3183, 2.5429

Complementary

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



15.9622, -2.9858, 0.9326



14.5614, 1.5220, 0.8249

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.



15.9625, 1.1259, 1.8249



15.9622, -2.9858, 0.9326



15.9625, 1.0553, -0.2687

Square

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



15.9625, -2.9861, 0.9328



15.9625, -0.9199, -1.3603



15.9625, 1.3992, 0.8047



15.9625, -0.7852, 2.8167

Rectangle

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



15.9622, -2.9858, 0.9326



15.9625, -2.2872, -0.7670



15.9625, 1.3992, 0.8047



15.9625, 0.6345, 2.3481

Sweetspot

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



15.9625, -2.9861, 0.9328



20.5654, -1.9411, 1.1297



15.9620, -3.2507, 2.9673



11.4519, -1.0901, 0.6293



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



15.9625, -2.9861, 0.9328



19.9048, -4.4226, 1.2071



15.5588, -2.0084, -0.2983



9.0878, -1.0570, 0.5042



26.7391, -17.8304, 5.0693



71.2423, -48.2607, 15.1343

Inverse Universe

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



14.5614, 1.5220, 0.8249



17.6764, 2.7557, 1.0398



14.9314, 0.5404, 1.9286



8.7195, 0.1263, 0.4750



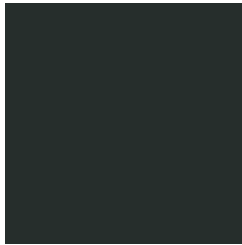
14.3824, 25.0246, 6.2372



38.1950, 66.0968, 19.3574

Previews

White Background



This preview shows how the HunterLab color 15.9622, -2.9858, 0.9326 looks on a white background.

Color Contrast Check

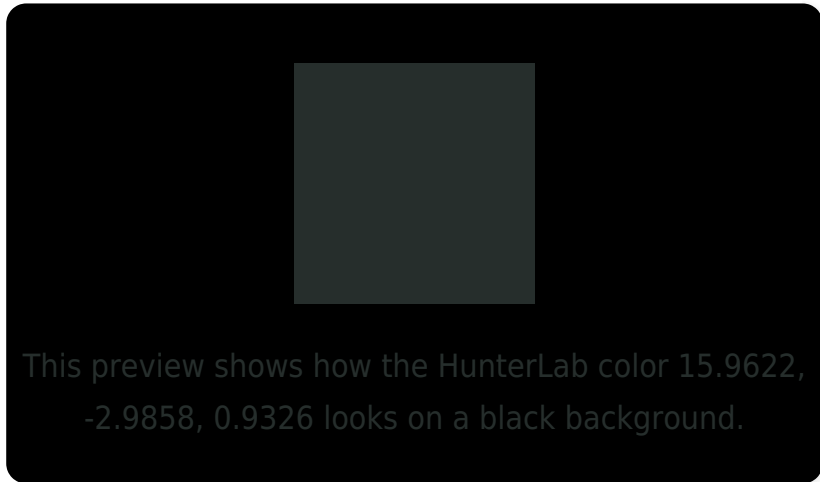
Large Text (above 18pt) WCAG AA ✓ Pass

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

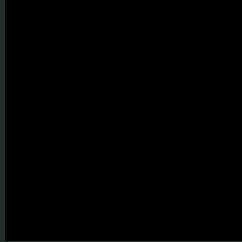
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

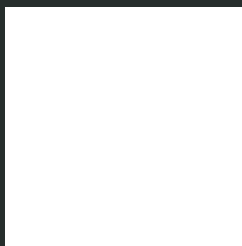
Any Text WCAG AAA × Fail

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

HunterLab 15.9622, -2.9858, 0.9326 Background



This preview shows how black text looks on a background with the HunterLab color 15.9622, -2.9858, 0.9326.



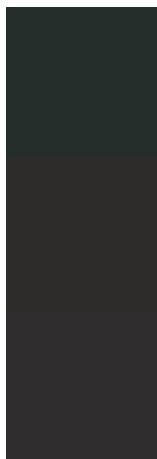
This preview shows how white text looks on a background with the HunterLab color 15.9622, -2.9858,

0.9326.

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

15.9622, -2.9858, 0.9326

Protanopia

15.9175, -0.7298, 1.2824

Deuteranopia

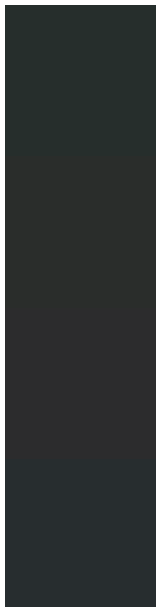
15.9549, 0.6799, 0.6176



Tritanopia

15.9055, -1.6922, -1.0602

Trichromacy



Original Color

15.9622, -2.9858, 0.9326

Protanomaly

15.9481, -1.8387, 1.2982

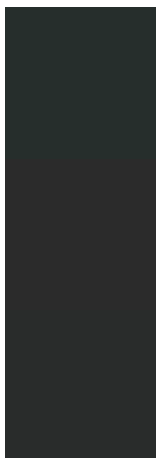
Deuteranomaly

15.8943, -0.7156, 0.5207

Tritanomaly

15.8535, -1.9804, -0.3235

Monochromacy



Original Color

15.9622, -2.9858, 0.9326

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.6435, -1.6892, 0.9477

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9622, -2.9858, 0.9326 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(38, 46, 44)` looks like.

```
.text, #text, p{  
    color:rgb(38, 46, 44)  
}
```

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(38, 46, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 46, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9622, -2.9858, 0.9326 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(38, 46, 44) }
```


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

```
.border{ border-color:rgb(38, 46, 44) }
```

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

Here you see how a box with a 4 pixel rgb(38, 46, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 46, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 46, 44);  
box-shadow:4px 4px 4px 4px rgb(38, 46, 44)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.9622, -2.9858, 0.9326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 46, 44) }
```

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

```
.background{ background-color: rgb(38, 46,  
44) }
```

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