

Converting Colors

HunterLab(12.7538, -2.2308,
2.7265)

Have a look what the booklet for
HunterLab(12.7538, -2.2308, 2.7265)
contains.

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Color

**HunterLab(12.6856, -1.9679,
2.6476)**

Conversions

Conversions Part 1

Format	Color
Hex	21231C
RGB	33, 35, 28
RGB Percent	13%, 14%, 11%
CMY	0.8706, 0.8627, 0.8902
CMYK	0.06, 0.00, 0.20, 0.86
HSL	77°, 11%, 12%
HSV	77°, 20%, 14%
XYZ	1.4378, 1.6092, 1.3335
YIQ	33.6040, 1.0550, -2.6010

Conversions

Conversions Part 2

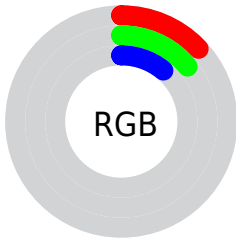
Format	Color
RYB	28, 35, 30
Decimal	2171676
CIELab	13.29, -2.58, 4.39
CIELCh	13, 5.093, 120.378
Yxy	1.6093, 0.3282, 0.3674
Android (android.graphics.Color)	4280361756 (0xFF21231C)
YUV	33.6040, -2.7628, -0.5297
Hunter-Lab	12.6856, -1.9679, 2.6476

Details

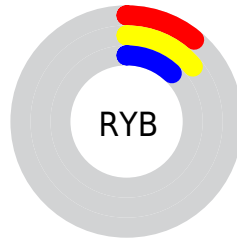
The HunterLab color **12.6856, -1.9679, 2.6476** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **11.0812, 0.8098, -1.6660**, and the grayscale version is **12.5311, -0.6686, 0.6808**.

A 20% lighter version of the original color is **27.6128, -3.1113, 4.1605**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.5589, -2.5510, 3.4844**, and if you desaturate by 10%, it is **12.8211, -1.3482, 1.7208**.

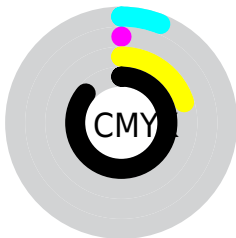
Distribution



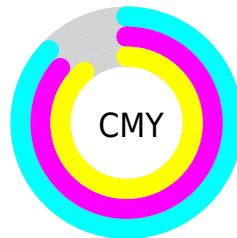
- Red (13%)
- Green (14%)
- Blue (11%)



- Red (11%)
- Yellow (14%)
- Blue (12%)



- Cyan (6%)
- Magenta (0%)
- Yellow (20%)
- Black (86%)



- Cyan (87%)
- Magenta (86%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.6856, -1.9679, 2.6476 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 12.6856, -1.9679, 2.6476 by changing the saturation by 10% instead.

■ 12.6856, -1.9679,
2.6476

■ 12.6856, -1.9679,
2.6476

104.2801, -8.2151,
9.8993

■ 6.0321, -2.1827,
3.3477

■ 27.6955, -3.1676,
4.1400

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.5384, -3.8070,
4.9018

0.0000, NaN, NaN

■ 46.1624, -4.4744,
5.6816

0.0000, NaN, NaN

■ 56.5086, -5.1694,
6.4817

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.5295, -5.8916,
7.3031

0.0000, NaN, NaN

■ 79.1863, -6.6404,

0.0000, NaN, NaN

8.1465

■ 91.4459, -7.4151,
9.0119

■ 12.6856, -1.9679,
2.6476

■ 12.6856, -1.9679,
2.6476

■ 12.5589, -2.5510,
3.4844

■ 12.8211, -1.3482,
1.7208

■ 12.4401, -3.0958,
4.2299

■ 12.9647, -0.6918,
0.7045

■ 12.3296, -3.6019,
4.8844

■ 13.1165, -0.0003,
-0.3994

■ 12.2271, -4.0692,
5.4484

■ 13.2765, 0.7251,
-1.5890

■ 12.1326, -4.4975,
5.9233

■ 13.4447, 1.4830,
-2.8621

■ 12.0435, -4.9010,
6.3458

■ 13.6209, 2.2721,
-4.2160

■ 11.9556, -5.3031,
6.7758

■ 13.8051, 3.0908,
-5.6479

■ 11.8691, -5.7037,
7.2138

■ 13.9971, 3.9377,
-7.1551

■ 14.1967, 4.8111,
-8.7343

Harmonies

Analogous

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



12.6859, -0.6947, 2.9270



12.6856, -1.9679, 2.6476



12.6859, -2.8636, 1.8554

Triad

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



12.6859, -1.9682, 2.6478



12.6859, -1.9397, -1.6581



12.6859, 2.0339, 0.7068

Complementary

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



12.6856, -1.9679, 2.6476



11.0812, 0.8098, -1.6660

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.



12.6859, 1.6673, -0.5964



12.6856, -1.9679, 2.6476



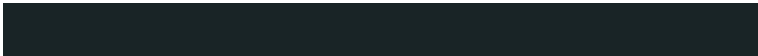
12.6859, -0.6604, -2.0458

Square

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



12.6859, -1.9682, 2.6478



12.6859, -2.8476, -0.6276



12.6859, 0.6668, -1.6388



12.6859, 1.6489, 1.8809

Rectangle

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



12.6856, -1.9679, 2.6476



12.6859, -3.1451, 1.0978



12.6859, 0.6668, -1.6388



12.6859, 1.9943, 0.2693

Sweetspot

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



12.6859, -1.9682, 2.6478



16.3772, -1.4230, 1.7416



11.7001, 0.3748, 1.6488



9.1784, -0.7809, 0.9505



55.4075, -2.9564, 3.0104



9.2414, -0.4931, 0.5021

Same Dimension

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



12.6859, -1.9682, 2.6478



16.0470, -2.9364, 3.9949



12.4691, -2.7512, 2.4113



7.6661, -0.7216, 0.9002



26.2340, -13.6024, 15.9271



72.1599, -39.0100, 43.7817

Inverse Universe

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



11.0812, 0.8098, -1.6660



13.4328, 1.5987, -3.0579



11.3282, 1.6287, -1.3140



7.2869, -0.0666, -0.1151



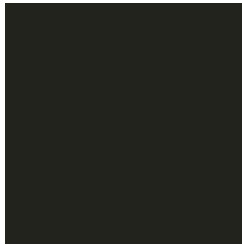
8.8834, 22.0022, -46.8879



23.5838, 59.9279, -136.2311

Previews

White Background



This preview shows how the HunterLab color 12.6856, -1.9679, 2.6476 looks on a white background.

Color Contrast Check

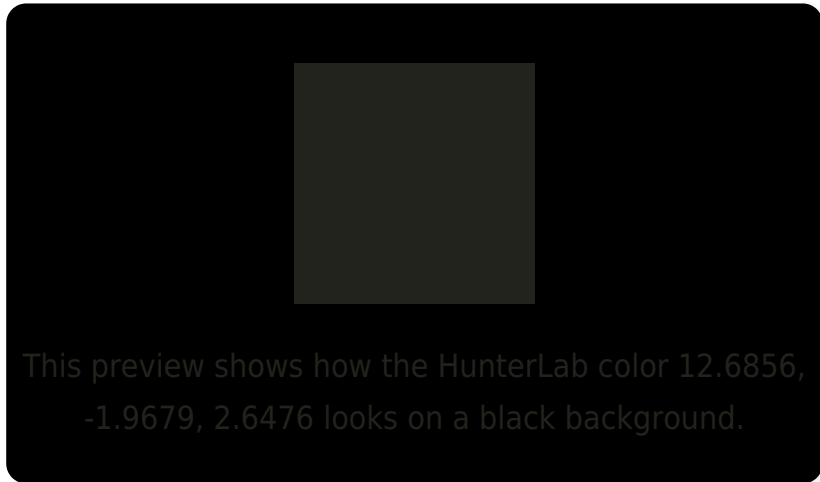
Large Text (above 18pt) WCAG AA ✓ Pass

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

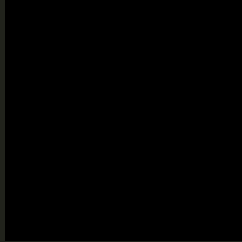
Any Text WCAG AA × Fail

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 12.6856, -1.9679, 2.6476 Background



This preview shows how black text looks on a background with the HunterLab color 12.6856, -1.9679, 2.6476.



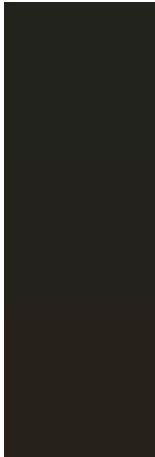
This preview shows how white text looks on a background with the HunterLab color 12.6856, -1.9679,

2.6476.

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

12.6856, -1.9679, 2.6476

Protanopia

12.6608, -0.8790, 2.6414

Deuteranopia

12.6605, 0.2636, 2.6611



Tritanopia

12.7189, -0.2855, -0.3266

Trichromacy



Original Color

12.6856, -1.9679, 2.6476

Protanomaly

12.5906, -1.1253, 2.5651

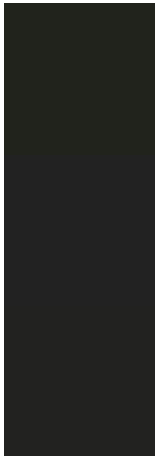
Deuteranomaly

12.7327, -0.6287, 2.7191

Tritanomaly

12.6476, -0.6748, 0.6872

Monochromacy



Original Color

12.6856, -1.9679, 2.6476

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.6033, -0.9185, 1.3215

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.6856, -1.9679, 2.6476 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(33, 35, 28)` looks like.

```
.text, #text, p{  
    color:rgb(33, 35, 28)  
}
```

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(33, 35, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 35, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 12.6856, -1.9679, 2.6476 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(33, 35, 28) }
```


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

```
.border{ border-color:rgb(33, 35, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 35, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 35, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 35, 28);  
box-shadow:4px 4px 4px 4px rgb(33, 35, 28)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.6856, -1.9679, 2.6476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 35, 28) }
```

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

```
.background{ background-color: rgb(33, 35,  
28) }
```

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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