

Converting Colors

HunterLab(12.4661, -2.0225,
2.9704)

Have a look what the booklet for
HunterLab(12.4661, -2.0225, 2.9704)
contains.

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Color

**HunterLab(12.4176, -1.8120,
2.9538)**

Conversions

Conversions Part 1

Format	Color
Hex	21221A
RGB	33, 34, 26
RGB Percent	13%, 13%, 10%
CMY	0.8706, 0.8667, 0.8980
CMYK	0.03, 0.00, 0.24, 0.87
HSL	68°, 13%, 12%
HSV	68°, 24%, 13%
XYZ	1.3857, 1.5420, 1.2019
YIQ	32.7890, 1.9720, -2.7000

Conversions

Conversions Part 2

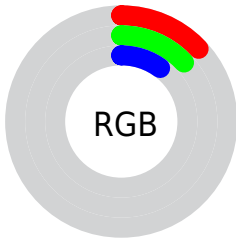
Format	Color
RYB	26, 34, 27
Decimal	2171418
CIELab	12.87, -2.31, 5.25
CIElCh	13, 5.733, 113.706
Yxy	1.5420, 0.3356, 0.3734
Android (android.graphics.Color)	4280361498 (0xFF21221A)
YUV	32.7890, -3.3470, 0.1850
Hunter-Lab	12.4176, -1.8120, 2.9538

Details

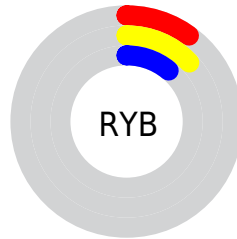
The HunterLab color **12.4176, -1.8120, 2.9538** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **10.4275, 0.7561, -2.1668**, and the grayscale version is **12.2759, -0.6550, 0.6670**.

A 20% lighter version of the original color is **27.3061, -2.9475, 4.5493**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.3319, -2.2366, 3.7626**, and if you desaturate by 10%, it is **12.5109, -1.3527, 2.0530**.

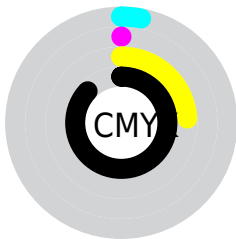
Distribution



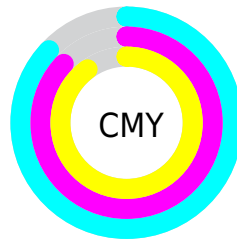
- Red (13%)
- Green (13%)
- Blue (10%)



- Red (10%)
- Yellow (13%)
- Blue (11%)



- Cyan (3%)
- Magenta (0%)
- Yellow (24%)
- Black (87%)



- Cyan (87%)
- Magenta (87%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4176, -1.8120, 2.9538 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 12.4176, -1.8120, 2.9538 by changing the saturation by 10% instead.

■ 12.4176, -1.8120,
2.9538

■ 12.4176, -1.8120,
2.9538

103.7378, -7.9054,
10.6619

■ 5.6395, -2.0822,
3.9477

■ 27.3473, -2.9671,
4.5868

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.1564, -3.5876,
5.4054

0.0000, NaN, NaN

■ 45.7494, -4.2375,
6.2365

0.0000, NaN, NaN

■ 56.0666, -4.9163,
7.0837

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.0605, -5.6232,
7.9490

0.0000, NaN, NaN

■ 78.6916, -6.3576,

0.0000, NaN, NaN

8.8334

■ 90.9269, -7.1185,
9.7376

■ 12.4176, -1.8120,
2.9538

■ 12.4176, -1.8120,
2.9538

■ 12.3319, -2.2366,
3.7626

■ 12.5109, -1.3527,
2.0530

■ 12.2527, -2.6255,
4.4794

■ 12.6109, -0.8579,
1.0598

■ 12.1804, -2.9792,
5.1051

■ 12.7182, -0.3284,
-0.0249

■ 12.1145, -3.2980,
5.6414

■ 12.8325, 0.2351,
-1.2000

■ 12.0548, -3.5842,
6.0943

■ 12.9541, 0.8320,
-2.4641

■ 11.9967, -3.8633,
6.5300

■ 13.0829, 1.4614,
-3.8153

■ 11.9386, -4.1439,
6.9703

■ 13.2188, 2.1224,
-5.2516

■ 11.9011, -4.3262,
7.2576

■ 13.3618, 2.8138,
-6.7706

■ 13.5119, 3.5346,
-8.3696

Harmonies

Analogous

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



12.4179, -0.3425, 3.1259



12.4176, -1.8120, 2.9538



12.4179, -2.9240, 2.2062

Triad

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



12.4179, -1.8123, 2.9540



12.4179, -2.3402, -1.7701



12.4179, 2.3654, 0.3685

Complementary

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



12.4176, -1.8120, 2.9538



10.4275, 0.7561, -2.1668

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.



12.4179, 1.7717, -1.0779



12.4176, -1.8120, 2.9538



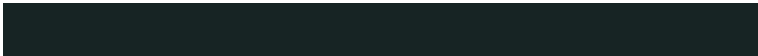
12.4179, -0.9808, -2.4043

Square

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



12.4179, -1.8123, 2.9540



12.4179, -3.2183, -0.4900



12.4179, 0.5292, -2.1369



12.4179, 2.1167, 1.7388

Rectangle

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



12.4176, -1.8120, 2.9538



12.4179, -3.3362, 1.4282



12.4179, 0.5292, -2.1369



12.4179, 2.2568, -0.1265

Sweetspot

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



12.4179, -1.8123, 2.9540



15.5616, -1.3084, 1.8099



10.9339, 1.0534, 1.4564



9.1883, -0.7556, 1.0347



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.



12.4179, -1.8123, 2.9540



15.3038, -2.5822, 4.3058



12.1692, -2.7098, 2.6896



7.6838, -0.6597, 0.9208



27.0719, -10.3558, 16.5003



74.6393, -29.3632, 45.4783

Inverse Universe

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



10.4275, 0.7561, -2.1668



12.1942, 1.4465, -3.7375



10.6985, 1.6534, -1.7661



7.2692, -0.1275, -0.1383



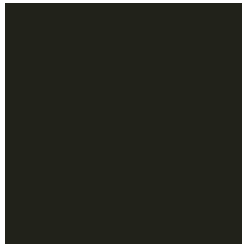
8.1792, 21.3808, -51.8740



21.9775, 58.6052, -148.3400

Previews

White Background



This preview shows how the HunterLab color 12.4176, -1.8120, 2.9538 looks on a white background.

Color Contrast Check

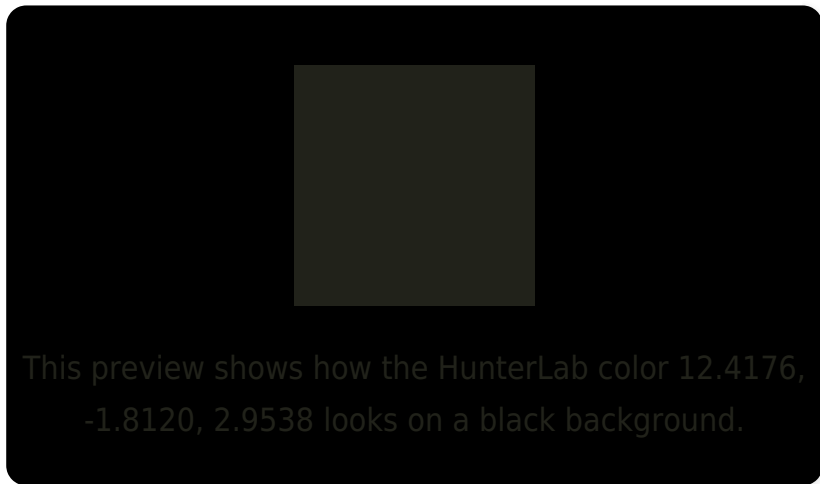
Large Text (above 18pt) WCAG AA ✓ Pass

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

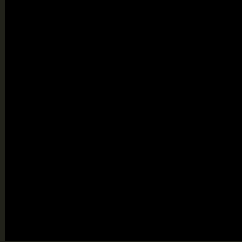
Any Text WCAG AA × Fail

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 12.4176, -1.8120, 2.9538 Background



This preview shows how black text looks on a background with the HunterLab color 12.4176, -1.8120, 2.9538.



This preview shows how white text looks on a background with the HunterLab color 12.4176, -1.8120,

2.9538.

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

12.4176, -1.8120, 2.9538

Protanopia

12.3990, -0.7105, 2.9546

Deuteranopia

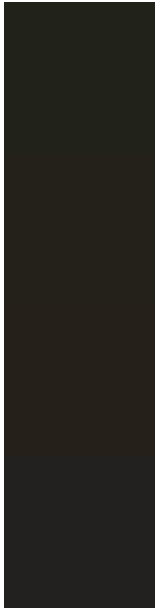
12.4054, 0.4446, 2.9811



Tritanopia

12.4465, -0.1700, 0.0918

Trichromacy



Original Color

12.4176, -1.8120, 2.9538

Protanomaly

12.3273, -0.9611, 2.8788

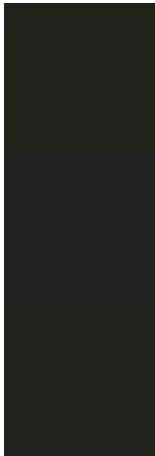
Deuteranomaly

12.4724, -0.4558, 3.0318

Tritanomaly

12.3777, -0.5449, 1.0719

Monochromacy



Original Color

12.4176, -1.8120, 2.9538

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.2670, -1.0168, 1.6043

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4176, -1.8120, 2.9538 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, 34, 26)` looks like.

```
.text, #text, p{  
    color:rgb(33, 34, 26)  
}
```

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, 34, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 34, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4176, -1.8120, 2.9538 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, 34, 26) }
```


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

```
.border{ border-color:rgb(33, 34, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 34, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 34, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 34, 26);  
box-shadow:4px 4px 4px 4px rgb(33, 34, 26)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.4176, -1.8120, 2.9538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 34, 26) }
```

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

```
.background{ background-color: rgb(33, 34,  
26) }
```

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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