

Converting Colors

HunterLab(13.0130, -0.3807,
-1.5463)

Have a look what the booklet for
HunterLab(13.0130, -0.3807,
-1.5463) contains.

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Color

**HunterLab(12.9826, -0.3296,
-1.5864)**

Conversions

Conversions Part 1

Format	Color
Hex	212329
RGB	33, 35, 41
RGB Percent	13%, 14%, 16%
CMY	0.8706, 0.8627, 0.8392
CMYK	0.20, 0.15, 0.00, 0.84
HSL	225°, 11%, 15%
HSV	225°, 20%, 16%
XYZ	1.6285, 1.6855, 2.3373
YIQ	35.0860, -3.1180, 1.4420

Conversions

Conversions Part 2

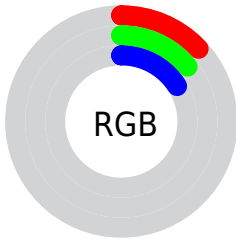
Format	Color
RYB	33, 35, 41
Decimal	2171689
CIELab	13.74, 0.70, -4.30
CIElCh	14, 4.361, 279.256
Yxy	1.6855, 0.2882, 0.2983
Android (android.graphics.Color)	4280361769 (0xFF212329)
YUV	35.0860, 2.9156, -1.8294
Hunter-Lab	12.9826, -0.3296, -1.5864

Details

The HunterLab color **12.9826, -0.3296, -1.5864** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.2557, -0.9756, 2.7829**, and the grayscale version is **12.9836, -0.6928, 0.7054**.

A 20% lighter version of the original color is **28.0029, -0.9664, -1.4024**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.0370, -0.0274, -2.9165**, and if you desaturate by 10%, it is **13.9511, -0.5865, -0.3291**.

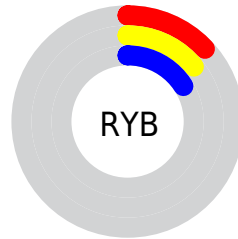
Distribution



 Red (13%)

 Green (14%)

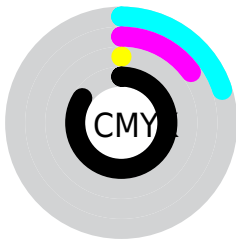
 Blue (16%)



 Red (13%)

 Yellow (14%)

 Blue (16%)

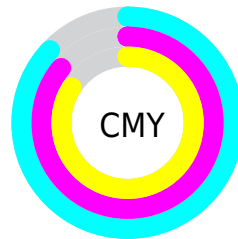


 Cyan (20%)

 Magenta (15%)

 Yellow (0%)

 Black (84%)



 Cyan (87%)

 Magenta (86%)

 Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.9826, -0.3296, -1.5864 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 12.9826, -0.3296, -1.5864 by changing the saturation by 10% instead.

■ 12.9826, -0.3296,
-1.5864

■ 12.9826, -0.3296,
-1.5864

104.8778, -4.8751,
1.3847

■ 6.4364, 0.1312,
-2.4219

■ 28.0801, -1.0306,
-1.3405

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.9602, -1.4602,
-1.1064

0.0000, NaN, NaN

■ 46.6182, -1.9349,
-0.8117

0.0000, NaN, NaN

■ 56.9960, -2.4509,
-0.4630

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.0468, -3.0052,
-0.0654

0.0000, NaN, NaN

■ 79.7317, -3.5953,

0.0000, NaN, NaN

0.3772

■ 92.0180, -4.2191,
0.8614

■ 12.9826, -0.3296,
-1.5864

■ 12.9826, -0.3296,
-1.5864

■ 12.0370, -0.0274,
-2.9165

■ 13.9511, -0.5865,
-0.3291

■ 11.1162, 0.3291,
-4.3336

■ 14.9397, -0.8044,
0.8661

■ 10.2235, 0.7498,
-5.8533

■ 15.9468, -0.9890,
2.0093

■ 9.3629, 1.2466,
-7.4933

■ 16.9710, -1.1451,
3.1084

■ 8.5391, 1.8334,
-9.2721

■ 18.0110, -1.2765,
4.1702

■ 7.7554, 2.5158,
-11.2151

■ 19.0659, -1.3865,
5.2003

■ 6.9861, 3.2114,
-13.4430

■ 20.1345, -1.4776,
6.2034

■ 6.2230, 3.9016,
-16.0844

■ 21.2162, -1.5523,
7.1836

■ 6.1860, 3.9348,
-16.2261

■ 22.3102, -1.6123,
8.1442

Harmonies

Analogous

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



12.9829, -1.4801, -1.4565



12.9826, -0.3296, -1.5864



12.9829, 0.7600, -1.0607

Triad

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



12.9829, -0.3298, -1.5862



12.9829, 1.0936, 1.9884



12.9829, -2.7296, 1.4416

Complementary

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



12.9826, -0.3296, -1.5864



14.2557, -0.9756, 2.7829

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.



12.9829, -2.0856, 2.2560



12.9826, -0.3296, -1.5864



12.9829, 0.1125, 2.5518

Square

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



12.9829, -0.3298, -1.5862



12.9829, 1.6007, 1.0460



12.9829, -1.0531, 2.6452



12.9829, -2.8386, 0.3580

Rectangle

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



12.9826, -0.3296, -1.5864



12.9829, 1.2958, -0.4348



12.9829, -1.0531, 2.6452



12.9829, -2.5696, 1.7531

Sweetspot

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



12.9829, -0.3298, -1.5862



18.2450, -0.8428, 0.0655



14.3347, -2.8687, 0.8914



10.3415, -0.4792, 0.0474



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.



12.9829, -0.3298, -1.5862



16.0099, -0.2384, -2.8594



12.6603, 0.8648, -2.0081



8.0337, -0.3548, -0.0792



10.8644, 11.7942, -39.0399



26.9728, 39.5520, -119.0951

Inverse Universe

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



12.9634, 1.5718, 0.7427



15.9943, 2.7995, 0.9565



14.5933, -2.1852, 3.1082



8.0244, 0.0900, 0.4368



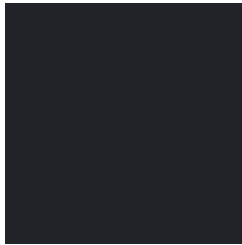
13.9501, 24.2792, 5.9968



37.6848, 65.2167, 19.0777

Previews

White Background



This preview shows how the HunterLab color 12.9826, -0.3296, -1.5864 looks on a white background.

Color Contrast Check

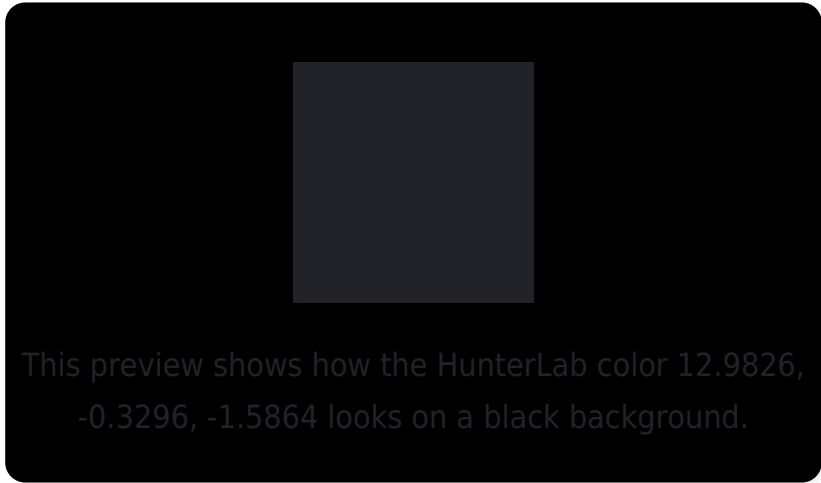
Large Text (above 18pt) WCAG AA ✓ Pass

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

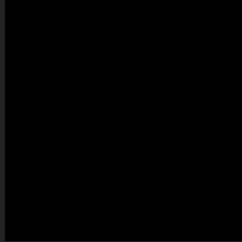
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

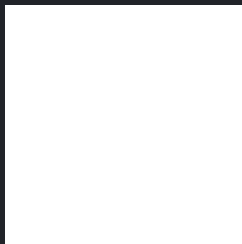
Any Text WCAG AAA × Fail

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

HunterLab 12.9826, -0.3296, -1.5864 Background



This preview shows how black text looks on a background with the HunterLab color 12.9826, -0.3296, -1.5864.



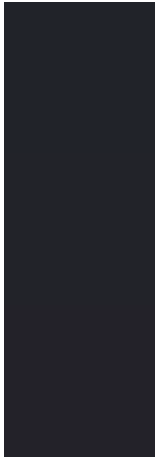
This preview shows how white text looks on a background with the HunterLab color 12.9826, -0.3296, -1.5864.

-1.5864.

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

12.9826, -0.3296, -1.5864

Protanopia

13.0470, -0.1082, -1.4956

Deuteranopia

12.8898, 0.5055, -1.6980



Tritanopia

12.8417, -0.9758, -0.5704

Trichromacy



Original Color

12.9826, -0.3296, -1.5864

Protanomaly

13.0470, -0.1082, -1.4956

Deuteranomaly

12.8228, 0.2779, -1.7937

Tritanomaly

12.8671, -0.8359, -0.9306

Monochromacy



Original Color

12.9826, -0.3296, -1.5864

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.9449, -0.6648, -0.0515

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.9826, -0.3296, -1.5864 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, 41)` looks like.

```
.text, #text, p{  
    color:rgb(33, 35, 41)  
}
```

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, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 35, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9826, -0.3296, -1.5864 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, 41) }
```


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

```
.border{ border-color:rgb(33, 35, 41) }
```

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, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 35, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 35, 41);  
box-shadow:4px 4px 4px 4px rgb(33, 35, 41)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.9826, -0.3296, -1.5864 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, 41) }
```

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

```
.background{ background-color: rgb(33, 35,  
41) }
```

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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