

Converting Colors

HunterLab(12.2898, 2.0627,
-0.8306)

Have a look what the booklet for
HunterLab(12.2898, 2.0627, -0.8306)
contains.

HunterLab(12.3516, 1.8432, -0.7584)	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(12.3516, 1.8432,
-0.7584)**

Conversions

Conversions Part 1

Format	Color
Hex	261F25
RGB	38, 31, 37
RGB Percent	15%, 12%, 15%
CMY	0.8510, 0.8784, 0.8549
CMYK	0.00, 0.18, 0.03, 0.85
HSL	309°, 10%, 14%
HSV	309°, 18%, 15%
XYZ	1.6232, 1.5256, 1.9592
YIQ	33.7770, 2.2460, 3.3500

Conversions

Conversions Part 2

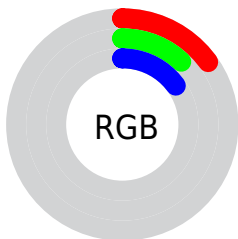
Format	Color
R_YB	38, 31, 37
Decimal	2498341
CIE Lab	12.77, 4.75, -2.80
CIE LCh	13, 5.518, 329.450
Yxy	1.5257, 0.3178, 0.2987
Android (android.graphics.Color)	4280688421 (0xFF261F25)
YUV	33.7770, 1.5889, 3.7036
Hunter-Lab	12.3516, 1.8432, -0.7584

Details

The HunterLab color **12.3516, 1.8432, -0.7584** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13.3486, -3.0484, 2.1021**, and the grayscale version is **12.5721, -0.6708, 0.6831**.

A 20% lighter version of the original color is **27.3502, 1.7796, -0.4206**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.5559, 3.2773, -1.5746**, and if you desaturate by 10%, it is **13.1890, 0.4289, 0.0637**.

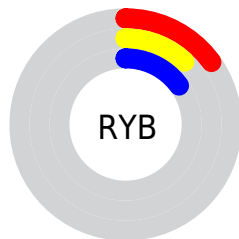
Distribution



Red (15%)

Green (12%)

Blue (15%)



Red (15%)

Yellow (12%)

Blue (15%)

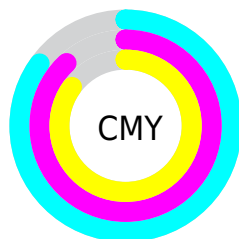


Cyan (0%)

Magenta (18%)

Yellow (3%)

Black (85%)



Cyan (85%)

Magenta (88%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.3516, 1.8432, -0.7584 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 12.3516, 1.8432, -0.7584 by changing the saturation by 10% instead.

■ 12.3516, 1.8432,
-0.7584

■ 12.3516, 1.8432,
-0.7584

■ 103.6038, -0.5932,
2.8534

■ 5.5381, 3.4432,
-1.7978

■ 27.2614, 1.7520,
-0.3365

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.0621, 1.5821,
-0.0242

0.0000, NaN, NaN

■ 45.6474, 1.3466,
0.3437

0.0000, NaN, NaN

■ 55.9574, 1.0535,
0.7613

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.9446, 0.7089,
1.2243

0.0000, NaN, NaN

■ 78.5694, 0.3172,

0.0000, NaN, NaN

1.7291

90.7986, -0.1178,
2.2729

12.3516, 1.8432,
-0.7584

12.3516, 1.8432,
-0.7584

11.5559, 3.2773,
-1.5746

13.1890, 0.4289,
0.0637

10.8064, 4.7245,
-2.3785

14.0626, -0.9610,
0.8865

10.1094, 6.1708,
-3.1590

14.9688, -2.3255,
1.7073

9.4717, 7.5948,
-3.9011

15.9043, -3.6653,
2.5246

8.9005, 8.9654,
-4.5845

16.8661, -4.9818,
3.3378

■ 8.3912, 10.2763,
-5.2059

■ 17.8519, -6.2768,
4.1466

■ 7.8648, 11.7571,
-5.9063

■ 18.8596, -7.5526,
4.9512

■ 7.3008, 13.5214,
-6.7463

■ 19.8874, -8.8112,
5.7520

■ 7.2076, 13.8336,
-6.8955

■ 20.9337, -10.0547,
6.5494

Harmonies

Analogous

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



12.3519, 0.7460, -1.8766



12.3516, 1.8432, -0.7584



12.3519, 2.2639, 0.6468

Triad

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



12.3519, 1.8429, -0.7582



12.3519, -0.6329, 3.0483



12.3519, -3.0025, -0.7089

Complementary

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



12.3516, 1.8432, -0.7584



13.3486, -3.0484, 2.1021

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.



12.3519, -3.3344, 0.6978



12.3516, 1.8432, -0.7584



12.3519, -2.0053, 2.7724

Square

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



12.3519, 1.8429, -0.7582



12.3519, 0.7945, 2.7515



12.3519, -2.9777, 1.9499



12.3519, -2.0497, -1.8459

Rectangle

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



12.3516, 1.8432, -0.7584



12.3519, 2.0903, 1.5260



12.3519, -2.9777, 1.9499



12.3519, -3.1884, -0.2470

Sweetspot

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



12.3519, 1.8429, -0.7582



16.6479, 0.1771, 0.2893



11.9416, 0.5300, -1.7370



9.6224, 0.0834, 0.1781



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



12.3519, 1.8429, -0.7582



14.8893, 3.1754, -1.4481



12.2684, 1.4008, 0.4275



7.3622, 0.1797, 0.0698



14.8911, 28.4660, -13.3591



41.0291, 78.2186, -35.1537

Inverse Universe

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



12.3519, 1.8429, -0.7582



14.8893, 3.1754, -1.4481



13.4220, -2.6345, 1.0503



7.3622, 0.1797, 0.0698



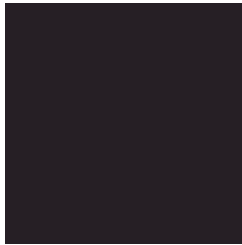
14.8911, 28.4660, -13.3591



41.0291, 78.2186, -35.1537

Previews

White Background



This preview shows how the HunterLab color 12.3516, 1.8432, -0.7584 looks on a white background.

Color Contrast Check

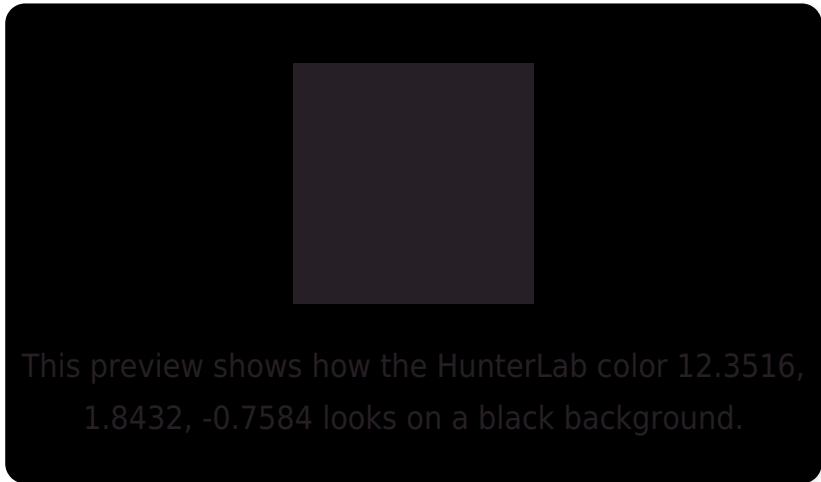
Large Text (above 18pt) WCAG AA ✓ Pass

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

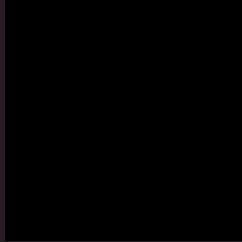
Any Text WCAG AA × Fail

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 12.3516, 1.8432, -0.7584 Background



This preview shows how black text looks on a background with the HunterLab color 12.3516, 1.8432, -0.7584.



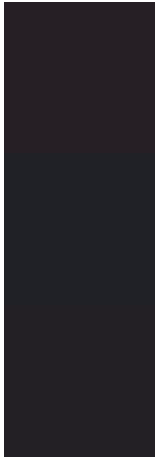
This preview shows how white text looks on a background with the HunterLab color 12.3516, 1.8432, -0.7584.

-0.7584.

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

12.3516, 1.8432, -0.7584

Protanopia

12.3884, -0.2199, -1.1462

Deuteranopia

12.3447, 0.7163, -0.7870



Tritanopia

12.4923, 1.0658, 0.5337

Trichromacy



Original Color

12.3516, 1.8432, -0.7584

Protanomaly

12.3006, 0.6192, -1.2483

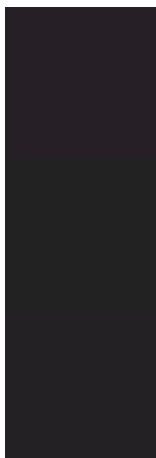
Deuteranomaly

12.4164, 0.9569, -0.6901

Tritanomaly

12.5158, 1.1907, 0.2003

Monochromacy



Original Color

12.3516, 1.8432, -0.7584

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.5155, 0.0669, 0.1804

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.3516, 1.8432, -0.7584 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, 31, 37)` looks like.

```
.text, #text, p{  
    color:rgb(38, 31, 37)  
}
```

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, 31, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 31, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 12.3516, 1.8432, -0.7584 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, 31, 37) }
```


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

```
.border{ border-color:rgb(38, 31, 37) }
```

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

Here you see how a box with a 4 pixel rgb(38, 31, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 31, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 31, 37);  
box-shadow:4px 4px 4px 4px rgb(38, 31, 37)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.3516, 1.8432, -0.7584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 31, 37) }
```

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

```
.background{ background-color: rgb(38, 31,  
37) }
```

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