

Converting Colors

HunterLab(12.4767, 0.6547,
-0.1942)

Have a look what the booklet for
HunterLab(12.4767, 0.6547, -0.1942)
contains.

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Color

**HunterLab(12.3914, 0.8232,
-0.3362)**

Conversions

Conversions Part 1

Format	Color
Hex	242024
RGB	36, 32, 36
RGB Percent	14%, 13%, 14%
CMY	0.8588, 0.8745, 0.8588
CMYK	0.00, 0.11, 0.00, 0.86
HSL	300°, 6%, 13%
HSV	300°, 11%, 14%
XYZ	1.5625, 1.5355, 1.8831
YIQ	33.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

Format	Color
RYB	36, 32, 36
Decimal	2367524
CIELab	12.83, 2.86, -2.01
CIELCh	13, 3.495, 324.885
Yxy	1.5355, 0.3137, 0.3083
Android (android.graphics.Color)	4280557604 (0xFF242024)
YUV	33.6520, 1.1576, 2.0592
Hunter-Lab	12.3914, 0.8232, -0.3362

Details

The HunterLab color **12.3914, 0.8232, -0.3362** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12.9351, -2.1119, 1.6696**, and the grayscale version is **12.5342, -0.6688, 0.6810**.

A 20% lighter version of the original color is **27.3012, 0.2176, 0.3447**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.6280, 2.2296, -1.3064**, and if you desaturate by 10%, it is **13.1916, -0.5574, 0.6171**.

Distribution



Red (14%)

Green (13%)

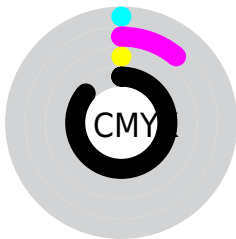
Blue (14%)



Red (14%)

Yellow (13%)

Blue (14%)



Cyan (0%)

Magenta (11%)

Yellow (0%)

Black (86%)



Cyan (86%)

Magenta (87%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.3914, 0.8232, -0.3362 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 12.3914, 0.8232, -0.3362 by changing the saturation by 10% instead.

■ 12.3914, 0.8232,
-0.3362

■ 12.3914, 0.8232,
-0.3362

103.6846, -2.5755,
3.6538

■ 5.5995, 1.9260,
-1.1837

■ 27.3132, 0.4554,
0.1930

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.1190, 0.1671,
0.5518

0.0000, NaN, NaN

■ 45.7089, -0.1776,
0.9627

0.0000, NaN, NaN

■ 56.0233, -0.5726,
1.4206

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.0145, -1.0132,
1.9215

0.0000, NaN, NaN

■ 78.6431, -1.4957,

0.0000, NaN, NaN

2.4623

90.8760, -2.0173,
3.0404

12.3914, 0.8232,
-0.3362

12.3914, 0.8232,
-0.3362

11.6280, 2.2296,
-1.3064

13.1916, -0.5574,
0.6171

10.9052, 3.6581,
-2.2909

14.0240, -1.9095,
1.5516

10.2284, 5.0993,
-3.2832

14.8855, -3.2336,
2.4677

9.6033, 6.5380,
-4.2729

15.7732, -4.5312,
3.3661

9.0363, 7.9512,
-5.2441

16.6846, -5.8041,
4.2481

■ 8.5339, 9.3064,
-6.1747

■ 17.6177, -7.0545,
5.1153

■ 8.0628, 10.6817,
-7.1185

■ 18.5706, -8.2848,
5.9692

■ 7.5626, 12.2742,
-8.2106

■ 19.5417, -9.4972,
6.8112

■ 7.0884, 13.9360,
-9.3492

■ 20.5297, -10.6938,
7.6427

Harmonies

Analogous

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



12.3917, 0.0935, -0.9561



12.3914, 0.8232, -0.3362



12.3917, 1.1550, 0.5231

Triad

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



12.3917, 0.8229, -0.3360



12.3917, -0.5033, 2.2403



12.3917, -2.2304, -0.0568

Complementary

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



12.3914, 0.8232, -0.3362



12.9351, -2.1119, 1.6696

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.



12.3917, -2.3797, 0.8240



12.3914, 0.8232, -0.3362



12.3917, -1.3995, 2.1098

Square

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



12.3917, 0.8229, -0.3360



12.3917, 0.3752, 1.9770



12.3917, -2.0798, 1.6065



12.3917, -1.6659, -0.7868

Rectangle

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



12.3914, 0.8232, -0.3362



12.3917, 1.0996, 1.1002



12.3917, -2.0798, 1.6065



12.3917, -2.3301, 0.2331

Sweetspot

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



12.3917, 0.8229, -0.3360



16.1727, -0.3378, 0.5216



12.1291, -0.1445, -0.6876



9.0458, -0.1647, 0.2753



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.



12.3917, 0.8229, -0.3360



15.1263, 1.4954, -0.7440



12.3452, 0.5734, 0.3243



7.3678, 0.2099, -0.0098



15.4242, 30.3246, -20.3438



42.6359, 83.8237, -56.2347

Inverse Universe

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



12.2982, 0.3199, 0.9953



14.9811, 0.7183, 1.3226



12.9768, -1.8789, 1.0717



7.3299, 0.0046, 0.5309



13.3265, 22.8221, 8.6112



36.8373, 63.0851, 23.8034

Previews

White Background



This preview shows how the HunterLab color 12.3914, 0.8232, -0.3362 looks on a white background.

Color Contrast Check

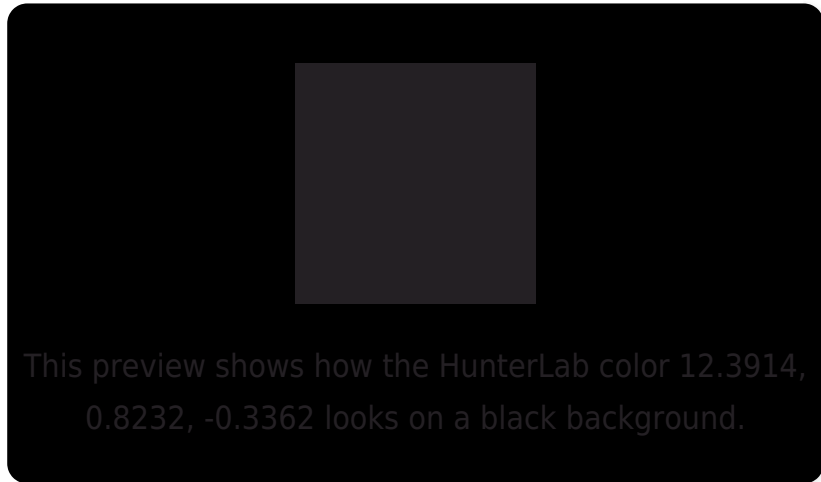
Large Text (above 18pt) WCAG AA ✓ Pass

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

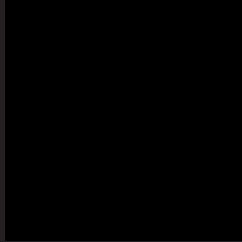
Any Text WCAG AA × Fail

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 12.3914, 0.8232, -0.3362 Background



This preview shows how black text looks on a background with the HunterLab color 12.3914, 0.8232, -0.3362.



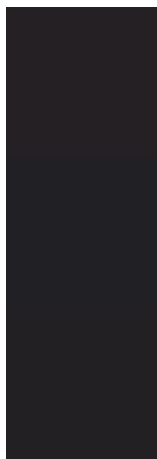
This preview shows how white text looks on a background with the HunterLab color 12.3914, 0.8232, -0.3362.

-0.3362.

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

12.3914, 0.8232, -0.3362

Protanopia

12.4283, -0.1342, -0.6939

Deuteranopia

12.3196, 0.5813, -0.4312



Tritanopia

12.3671, 0.6926, 0.0094

Trichromacy



Original Color

12.3914, 0.8232, -0.3362

Protanomaly

12.4955, 0.0960, -0.6035

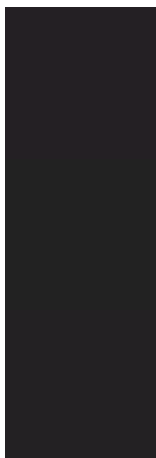
Deuteranomaly

12.3196, 0.5813, -0.4312

Tritanomaly

12.3671, 0.6926, 0.0094

Monochromacy



Original Color

12.3914, 0.8232, -0.3362

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 12.3914, 0.8232, -0.3362 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(36, 32, 36)` looks like.

```
.text, #text, p{  
    color:rgb(36, 32, 36)  
}
```

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(36, 32, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 32, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 12.3914, 0.8232, -0.3362 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(36, 32, 36) }
```


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

```
.border{ border-color:rgb(36, 32, 36) }
```

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

Here you see how a box with a 4 pixel rgb(36, 32, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 32, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 32, 36);  
box-shadow:4px 4px 4px 4px rgb(36, 32, 36)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.3914, 0.8232, -0.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 32, 36) }
```

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

```
.background{ background-color: rgb(36, 32,  
36) }
```

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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