

Converting Colors

HunterLab(12.9246, -0.0262,
1.4330)

Have a look what the booklet for
HunterLab(12.9246, -0.0262, 1.4330)
contains.

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Color

**HunterLab(12.9071, 0.1743,
1.3469)**

Conversions

Conversions Part 1

Format	Color
Hex	262221
RGB	38, 34, 33
RGB Percent	15%, 13%, 13%
CMY	0.8510, 0.8667, 0.8706
CMYK	0.00, 0.11, 0.13, 0.85
HSL	12°, 7%, 14%
HSV	12°, 13%, 15%
XYZ	1.6459, 1.6659, 1.6736
YIQ	35.0820, 2.7050, 0.5370

Conversions

Conversions Part 2

Format	Color
R_YB	38, 34, 33
Decimal	2499105
CIE Lab	13.63, 1.66, 1.35
CIE LCh	14, 2.139, 39.230
Yxy	1.6660, 0.3301, 0.3342
Android (android.graphics.Color)	4280689185 (0xFF262221)
YUV	35.0820, -1.0264, 2.5591
Hunter-Lab	12.9071, 0.1743, 1.3469

Details

The HunterLab color **12.9071, 0.1743, 1.3469** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13.3655, -1.5056, 0.0749**, and the grayscale version is **12.9932, -0.6933, 0.7059**.

A 20% lighter version of the original color is **27.9707, -0.2487, 2.3481**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.1646, 0.9074, 1.7826**, and if you desaturate by 10%, it is **13.6750, -0.5276, 0.8998**.

Distribution



Red (15%)

Green (13%)

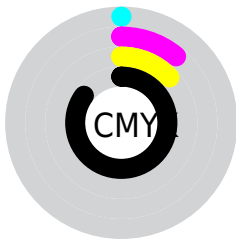
Blue (13%)



Red (15%)

Yellow (13%)

Blue (13%)



Cyan (0%)

Magenta (11%)

Yellow (13%)

Black (85%)



Cyan (85%)

Magenta (87%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.9071, 0.1743, 1.3469 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 12.9071, 0.1743, 1.3469 by changing the saturation by 10% instead.

■ 12.9071, 0.1743,
1.3469

■ 12.9071, 0.1743,
1.3469

104.7262, -3.8755,
7.0219

■ 6.3364, 0.8008,
1.2297

■ 27.9825, -0.3830,
2.3663

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.8531, -0.7515,
2.9327

0.0000, NaN, NaN

■ 46.5026, -1.1700,
3.5346

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.8724, -1.6337,
4.1702

0.0000, NaN, NaN

■ 67.9156, -2.1388,
4.8380

0.0000, NaN, NaN

■ 79.5933, -2.6823,

0.0000, NaN, NaN

5.5367

■ 91.8729, -3.2619,
6.2650

■ 12.9071, 0.1743,
1.3469

■ 12.9071, 0.1743,
1.3469

■ 12.1646, 0.9074,
1.7826

■ 13.6750, -0.5276,
0.8998

■ 11.4492, 1.6750,
2.2035

■ 14.4650, -1.1997,
0.4427

■ 10.7646, 2.4780,
2.6061

■ 15.2754, -1.8449,
-0.0225

■ 10.1142, 3.3164,
2.9858

■ 16.1044, -2.4660,
-0.4946

■ 9.5024, 4.1880,
3.3363

■ 16.9505, -3.0654,
-0.9728

■ 8.9337, 5.0871,
3.6500

■ 17.8124, -3.6452,
-1.4563

■ 8.4083, 5.9805,
3.9899

■ 18.6890, -4.2076,
-1.9447

■ 7.9250, 6.8242,
4.4442

■ 19.5792, -4.7545,
-2.4375

■ 7.5975, 7.4245,
4.8115

■ 20.4822, -5.2876,
-2.9344

Harmonies

Analogous

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



12.9074, 0.4146, 0.8693



12.9071, 0.1743, 1.3469



12.9074, -0.2969, 1.6433

Triad

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



12.9074, 0.1739, 1.3471



12.9074, -1.7021, 1.0682



12.9074, -0.5125, -0.3737

Complementary

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



12.9071, 0.1743, 1.3469



13.3655, -1.5056, 0.0749

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.



12.9074, -1.0772, -0.3148



12.9071, 0.1743, 1.3469



12.9074, -1.7575, 0.5336

Square

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



12.9074, 0.1739, 1.3471



12.9074, -1.3779, 1.4873



12.9074, -1.5306, 0.0230



12.9074, 0.0138, -0.1347

Rectangle

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



12.9071, 0.1743, 1.3469



12.9074, -0.6746, 1.7059



12.9074, -1.5306, 0.0230



12.9074, -0.7042, -0.3883

Sweetspot

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



12.9074, 0.1739, 1.3471



16.9285, -0.5638, 1.1821



12.7804, 1.0585, -0.2261



9.7633, -0.3171, 0.6879



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.



12.9074, 0.1739, 1.3471



15.7197, 0.5617, 1.8877



13.4689, -0.7763, 1.9521



7.4026, -0.1195, 0.6126



14.6853, 18.4879, 9.3727



39.0077, 55.9565, 25.0160

Inverse Universe

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



13.3655, -1.5056, 0.0749



16.4537, -2.1311, -0.1512



12.7912, -0.5661, -0.6278



7.5516, -0.6654, 0.1989



21.0098, -7.7675, -9.4925



56.8625, -19.8267, -28.2731

Previews

White Background



This preview shows how the HunterLab color 12.9071, 0.1743, 1.3469 looks on a white background.

Color Contrast Check

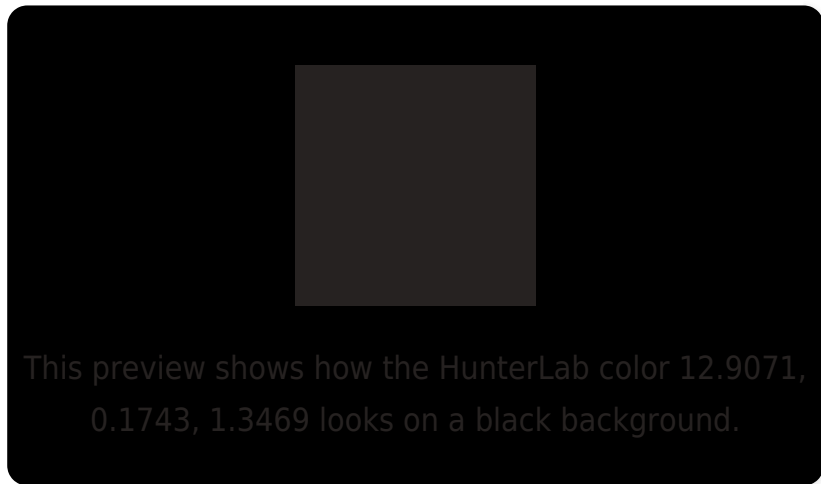
Large Text (above 18pt) WCAG AA ✓ Pass

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

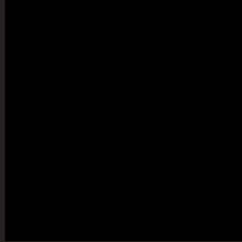
Any Text WCAG AA × Fail

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 12.9071, 0.1743, 1.3469 Background



This preview shows how black text looks on a background with the HunterLab color 12.9071, 0.1743, 1.3469.

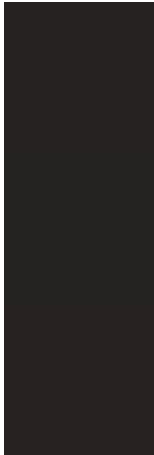


This preview shows how white text looks on a background with the HunterLab color 12.9071, 0.1743,

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

12.9071, 0.1743, 1.3469

Protanopia

12.9882, -0.6976, 1.4229

Deuteranopia

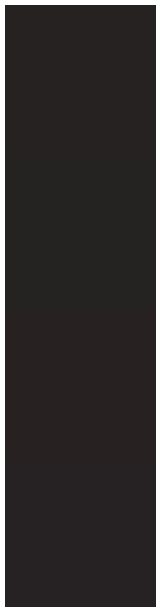
12.9815, 0.4275, 1.4350



Tritanopia

12.9750, 0.5407, 0.3777

Trichromacy



Original Color

12.9071, 0.1743, 1.3469

Protanomaly

13.0583, -0.4546, 1.5055

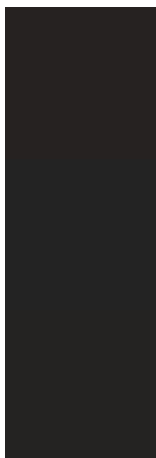
Deuteranomaly

12.9815, 0.4275, 1.4350

Tritanomaly

12.9517, 0.4155, 0.7089

Monochromacy



Original Color

12.9071, 0.1743, 1.3469

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

13.0101, -0.5778, 1.1098

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.9071, 0.1743, 1.3469 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, 34, 33)` looks like.

```
.text, #text, p{  
    color:rgb(38, 34, 33)  
}
```

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, 34, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 34, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9071, 0.1743, 1.3469 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, 34, 33) }
```


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

```
.border{ border-color:rgb(38, 34, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 34, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 34, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 34, 33);  
box-shadow:4px 4px 4px 4px rgb(38, 34, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.9071, 0.1743, 1.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 34, 33) }
```

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

```
.background{ background-color: rgb(38, 34,  
33) }
```

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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