

Converting Colors

HunterLab(13.8151, 1.7331,
2.8011)

Have a look what the booklet for
HunterLab(13.8151, 1.7331, 2.8011)
contains.

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Color

**HunterLab(13.7375, 1.7966,
2.5987)**

Conversions

Conversions Part 1

Format	Color
Hex	2E2320
RGB	46, 35, 32
RGB Percent	18%, 14%, 13%
CMY	0.8196, 0.8627, 0.8745
CMYK	0.00, 0.24, 0.30, 0.82
HSL	13°, 18%, 15%
HSV	13°, 30%, 18%
XYZ	1.9885, 1.8872, 1.6260
YIQ	37.9470, 7.5190, 1.3990

Conversions

Conversions Part 2

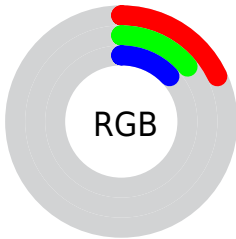
Format	Color
R_{YB}	46, 36, 32
Decimal	3023648
CIE Lab	14.88, 4.65, 4.00
CIE LCh	15, 6.134, 40.672
Yxy	1.8873, 0.3614, 0.3430
Android (android.graphics.Color)	4281213728 (0xFF2E2320)
YUV	37.9470, -2.9319, 7.0625
Hunter-Lab	13.7375, 1.7966, 2.5987

Details

The HunterLab color **13.7375, 1.7966, 2.5987** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.9399, -2.8149, -1.1011**, and the grayscale version is **13.9127, -0.7423, 0.7559**.

A 20% lighter version of the original color is **28.9639, 1.7844, 3.8821**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.8925, 2.7662, 3.1118**, and if you desaturate by 10%, it is **14.6213, 0.8723, 2.0601**.

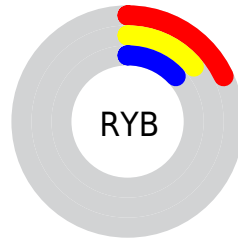
Distribution



Red (18%)

Green (14%)

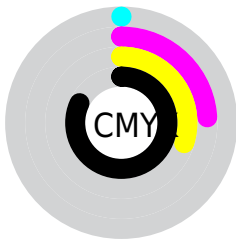
Blue (13%)



Red (18%)

Yellow (14%)

Blue (13%)

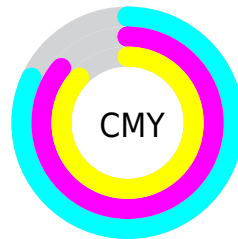


Cyan (0%)

Magenta (24%)

Yellow (30%)

Black (82%)



Cyan (82%)

Magenta (86%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.7375, 1.7966, 2.5987 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 13.7375, 1.7966, 2.5987 by changing the saturation by 10% instead.

■ 13.7375, 1.7966,
2.5987

■ 13.7375, 1.7966,
2.5987

106.3818, -0.8045,
9.6669

■ 7.3533, 2.3640,
2.6536

■ 29.0528, 1.6517,
4.0301

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 38.0251, 1.4610,
4.7687

0.0000, NaN, NaN

■ 47.7680, 1.2071,
5.5281

0.0000, NaN, NaN

■ 58.2249, 0.8975,
6.3099

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.3499, 0.5376,
7.1145

0.0000, NaN, NaN

■ 81.1050, 0.1317,

0.0000, NaN, NaN

7.9423

■ 93.4582, -0.3166,
8.7931

■ 13.7375, 1.7966,
2.5987

■ 13.7375, 1.7966,
2.5987

■ 12.8925, 2.7662,
3.1118

■ 14.6213, 0.8723,
2.0601

■ 12.0901, 3.7829,
3.5921

■ 15.5389, -0.0075,
1.5003

■ 11.3360, 4.8441,
4.0317

■ 16.4872, -0.8464,
0.9234

■ 10.6361, 5.9428,
4.4204

■ 17.4633, -1.6479,
0.3323

■ 9.9968, 7.0648,
4.7507

■ 18.4645, -2.4155,
-0.2708

■ 9.4155, 8.1462,
5.1487

■ 19.4887, -3.1527,
-0.8842

■ 8.9157, 9.0980,
5.6531

■ 20.5339, -3.8626,
-1.5066

■ 21.5986, -4.5483,
-2.1371

■ 22.6814, -5.2124,
-2.7748

Harmonies

Analogous

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



13.7378, 2.5777, 1.3033



13.7375, 1.7966, 2.5987



13.7378, 0.3489, 3.3368

Triad

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



13.7378, 1.7961, 2.5989



13.7378, -3.6436, 1.7239



13.7378, -0.1321, -2.6176

Complementary

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



13.7375, 1.7966, 2.5987



14.9399, -2.8149, -1.1011

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.



13.7378, -1.7839, -2.4699



13.7375, 1.7966, 2.5987



13.7378, -3.7585, 0.1681

Square

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



13.7378, 1.7961, 2.5989



13.7378, -2.7710, 2.8750



13.7378, -3.0928, -1.4032



13.7378, 1.4296, -1.7856

Rectangle

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



13.7375, 1.7966, 2.5987



13.7378, -0.7715, 3.4728



13.7378, -3.0928, -1.4032



13.7378, -0.6960, -2.6832

Sweetspot

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



13.7378, 1.7961, 2.5989



19.6597, -0.1125, 1.8188



13.3783, 4.3800, -1.8941



10.9259, -0.0408, 1.0276



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



13.7378, 1.7961, 2.5989



16.3713, 3.2966, 3.8219



15.2542, -0.8538, 4.0732



8.8102, -0.1157, 0.7643



15.6960, 19.4818, 10.0129



40.3407, 56.6777, 25.8500

Inverse Universe

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



14.9399, -2.8149, -1.1011



18.2830, -4.0670, -2.0695



13.3351, -0.2357, -3.2794



8.9935, -0.8153, 0.2008



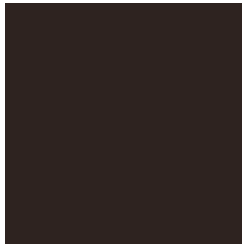
21.9804, -7.7514, -10.7406



57.4241, -18.9943, -30.7719

Previews

White Background



This preview shows how the HunterLab color 13.7375, 1.7966, 2.5987 looks on a white background.

Color Contrast Check

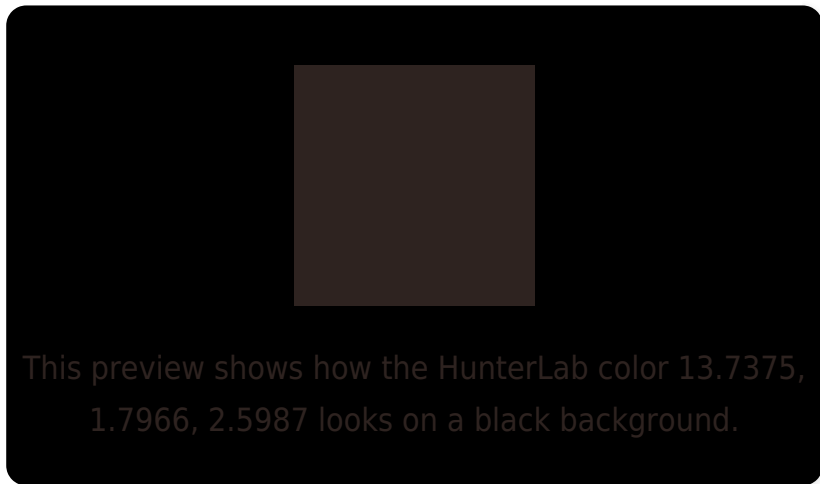
Large Text (above 18pt) WCAG AA ✓ Pass

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

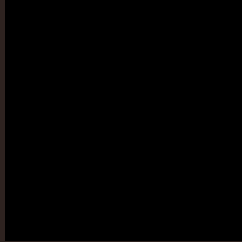
Any Text WCAG AA × Fail

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 13.7375, 1.7966, 2.5987 Background



This preview shows how black text looks on a background with the HunterLab color 13.7375, 1.7966, 2.5987.



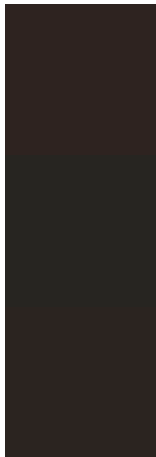
This preview shows how white text looks on a background with the HunterLab color 13.7375, 1.7966,

2.5987.

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

13.7375, 1.7966, 2.5987

Protanopia

13.6538, -0.7182, 2.1529

Deuteranopia

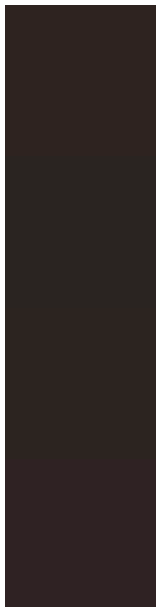
13.7100, 0.5869, 2.5487



Tritanopia

13.7185, 3.0341, 0.9419

Trichromacy



Original Color

13.7375, 1.7966, 2.5987

Protanomaly

13.6521, 0.4312, 2.1711

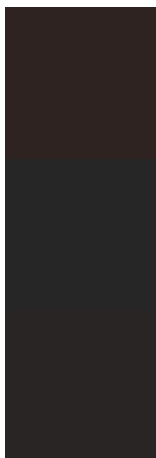
Deuteranomaly

13.7895, 0.8552, 2.6366

Tritanomaly

13.6739, 2.8015, 1.5801

Monochromacy



Original Color

13.7375, 1.7966, 2.5987

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

13.8634, 0.1315, 1.4067

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.7375, 1.7966, 2.5987 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(46, 35, 32)` looks like.

```
.text, #text, p{  
    color:rgb(46, 35, 32)  
}
```

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(46, 35, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 35, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 13.7375, 1.7966, 2.5987 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(46, 35, 32) }
```


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

```
.border{ border-color:rgb(46, 35, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 35, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 35, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 35, 32);  
box-shadow:4px 4px 4px 4px rgb(46, 35, 32)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.7375, 1.7966, 2.5987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 35, 32) }
```

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

```
.background{ background-color: rgb(46, 35,  
32) }
```

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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