

Converting Colors

HunterLab(15.8671, 2.1510,
0.1459)

Have a look what the booklet for
HunterLab(15.8671, 2.1510, 0.1459)
contains.

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Color

**HunterLab(15.9906, 2.0036,
0.3046)**

Conversions

Conversions Part 1

Format	Color
Hex	332A2E
RGB	51, 42, 46
RGB Percent	20%, 16%, 18%
CMY	0.8000, 0.8353, 0.8196
CMYK	0.00, 0.18, 0.10, 0.80
HSL	333°, 10%, 18%
HSV	333°, 18%, 20%
XYZ	2.6863, 2.5570, 2.9367
YIQ	45.1470, 4.0800, 3.1520

Conversions

Conversions Part 2

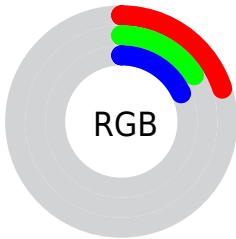
Format	Color
R_{YB}	51, 42, 46
Decimal	3353134
CIE Lab	18.17, 5.00, -1.06
CIE LCh	18, 5.110, 348.063
Yxy	2.5571, 0.3284, 0.3126
Android (android.graphics.Color)	4281543214 (0xFF332A2E)
YUV	45.1470, 0.4205, 5.1331
Hunter-Lab	15.9906, 2.0036, 0.3046

Details

The HunterLab color **15.9906, 2.0036, 0.3046** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.5077, -3.6014, 1.6172**, and the grayscale version is **16.2456, -0.8668, 0.8827**.

A 20% lighter version of the original color is **31.8284, 1.8949, 0.7844**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **14.8205, 3.7273, -0.0099**, and if you desaturate by 10%, it is **17.2201, 0.3061, 0.6748**.

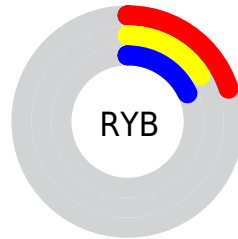
Distribution



Red (20%)

Green (16%)

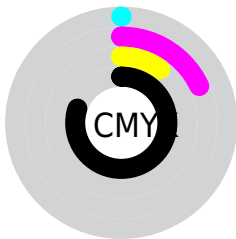
Blue (18%)



Red (20%)

Yellow (16%)

Blue (18%)

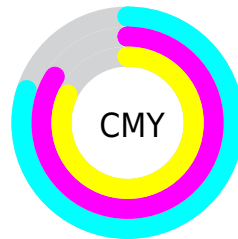


Cyan (0%)

Magenta (18%)

Yellow (10%)

Black (80%)



Cyan (80%)

Magenta (84%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9906, 2.0036, 0.3046 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 15.9906, 2.0036, 0.3046 by changing the saturation by 10% instead.

■ 15.9906, 2.0036,
0.3046

■ 15.9906, 2.0036,
0.3046

■ 110.7551, -0.6006,
4.9645

■ 9.5139, 1.9285,
0.0387

■ 31.9161, 1.8484,
1.0299

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 41.1492, 1.6565,
1.4713

0.0000, NaN, NaN

■ 51.1327, 1.4026,
1.9581

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.8140, 1.0938,
2.4865

0.0000, NaN, NaN

■ 73.1503, 0.7353,
3.0536

0.0000, NaN, NaN

■ 85.1055, 0.3313,

0.0000, NaN, NaN

3.6569

97.6493, -0.1149,
4.2945

15.9906, 2.0036,
0.3046

15.9906, 2.0036,
0.3046

14.8205, 3.7273,
-0.0099

17.2201, 0.3061,
0.6748

13.7173, 5.4702,
-0.2575

18.5007, -1.3607,
1.0900

12.6917, 7.2150,
-0.4230

19.8269, -2.9975,
1.5427

11.7554, 8.9322,
-0.4894

21.1935, -4.6061,
2.0267

10.9215, 10.5759,
-0.4386

22.5966, -6.1892,
2.5372

■ 10.2038, 12.0806,
-0.2546

■ 24.0325, -7.7498,
3.0705

■ 9.5704, 13.5032,
0.0193

■ 25.4984, -9.2909,
3.6233

■ 8.9056, 15.2081,
0.2405

■ 26.9918, -10.8153,
4.1934

■ 8.7426, 15.6642,
0.2832

■ 28.5106, -12.3257,
4.7786

Harmonies

Analogous

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



15.9910, 1.3009, -1.0306



15.9906, 2.0036, 0.3046



15.9910, 1.9197, 1.6810

Triad

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



15.9910, 2.0031, 0.3049



15.9910, -1.7202, 3.2192



15.9910, -2.6976, -1.2592

Complementary

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



15.9906, 2.0036, 0.3046



17.5077, -3.6014, 1.6172

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.



15.9910, -3.4508, 0.0150



15.9906, 2.0036, 0.3046



15.9910, -2.9007, 2.5634

Square

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



15.9910, 2.0031, 0.3049



15.9910, -0.2659, 3.2816



15.9910, -3.5238, 1.4160



15.9910, -1.4339, -1.9867

Rectangle

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



15.9906, 2.0036, 0.3046



15.9910, 1.4302, 2.4394



15.9910, -3.5238, 1.4160



15.9910, -3.0169, -0.8756

Sweetspot

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



15.9910, 2.0031, 0.3049



22.5775, -0.1209, 0.9922



15.8058, 1.6528, -1.9803



11.9111, -0.0508, 0.5207



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



15.9910, 2.0031, 0.3049



19.9242, 3.5673, 0.2025



15.9973, 1.3202, 1.7615



9.4350, 0.2223, 0.3587



15.1233, 26.8969, 2.0376



39.4511, 69.7167, 8.7826

Inverse Universe

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



15.9910, 2.0031, 0.3049



19.9242, 3.5673, 0.2025



17.4924, -2.8890, 0.1123



9.4350, 0.2223, 0.3587



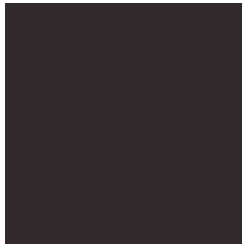
15.1233, 26.8969, 2.0376



39.4511, 69.7167, 8.7826

Previews

White Background



This preview shows how the HunterLab color 15.9906, 2.0036, 0.3046 looks on a white background.

Color Contrast Check

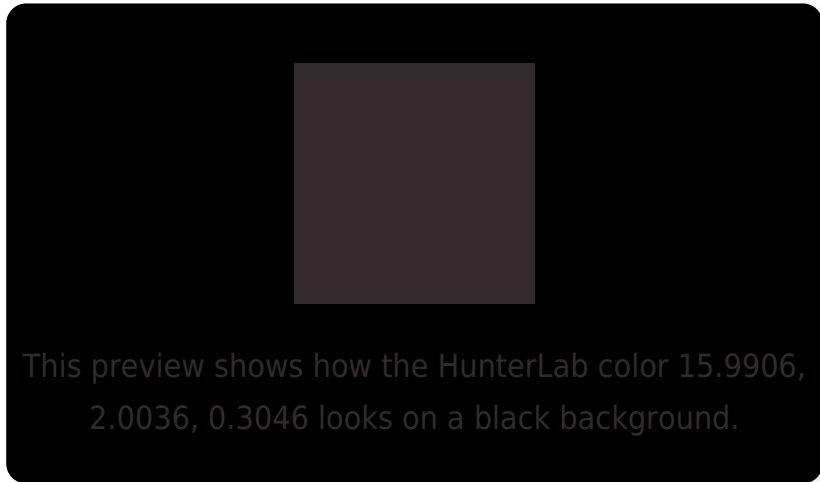
Large Text (above 18pt) WCAG AA ✓ Pass

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

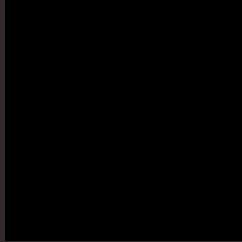
Any Text WCAG AA × Fail

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 15.9906, 2.0036, 0.3046 Background



This preview shows how black text looks on a background with the HunterLab color 15.9906, 2.0036, 0.3046.

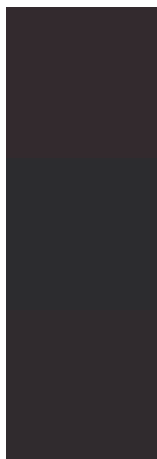


This preview shows how white text looks on a background with the HunterLab color 15.9906, 2.0036,

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

15.9906, 2.0036, 0.3046

Protanopia

15.9439, -0.4450, -0.1839

Deuteranopia

15.9793, 0.8112, 0.2700



Tritanopia

15.9662, 1.8743, 0.6520

Trichromacy



Original Color

15.9906, 2.0036, 0.3046

Protanomaly

15.9290, 0.6912, -0.1826

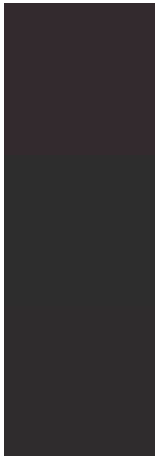
Deuteranomaly

16.0561, 1.0696, 0.3677

Tritanomaly

15.9662, 1.8743, 0.6520

Monochromacy



Original Color

15.9906, 2.0036, 0.3046

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.1095, 0.0260, 0.7899

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9906, 2.0036, 0.3046 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(51, 42, 46)` looks like.

```
.text, #text, p{  
    color:rgb(51, 42, 46)  
}
```

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(51, 42, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 42, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9906, 2.0036, 0.3046 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(51, 42, 46) }
```


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

```
.border{ border-color:rgb(51, 42, 46) }
```

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

Here you see how a box with a 4 pixel rgb(51, 42, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 42, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 42, 46);  
box-shadow:4px 4px 4px 4px rgb(51, 42, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.9906, 2.0036, 0.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 42, 46) }
```

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

```
.background{ background-color: rgb(51, 42,  
46) }
```

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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