

Converting Colors

HunterLab(17.1017, 1.0003,
0.3413)

Have a look what the booklet for
HunterLab(17.1017, 1.0003, 0.3413)
contains.

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Color

**HunterLab(17.0464, 1.0337,
0.4155)**

Conversions

Conversions Part 1

Format	Color
Hex	342E31
RGB	52, 46, 49
RGB Percent	20%, 18%, 19%
CMY	0.7961, 0.8196, 0.8078
CMYK	0.00, 0.12, 0.06, 0.80
HSL	330°, 6%, 19%
HSV	330°, 12%, 20%
XYZ	2.9475, 2.9058, 3.3112
YIQ	48.1360, 2.6130, 2.2050

Conversions

Conversions Part 2

Format	Color
R_{YB}	52, 46, 49
Decimal	3419697
CIE Lab	19.66, 3.37, -0.94
CIE LCh	20, 3.498, 344.422
Yxy	2.9059, 0.3216, 0.3171
Android (android.graphics.Color)	4281609777 (0xFF342E31)
YUV	48.1360, 0.4260, 3.3887
Hunter-Lab	17.0464, 1.0337, 0.4155

Details

The HunterLab color **17.0464, 1.0337, 0.4155** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.0517, -2.8237, 1.5297**, and the grayscale version is **17.2357, -0.9197, 0.9364**.

A 20% lighter version of the original color is **33.2824, 0.3739, 1.2285**, and **1.8562, 3.2969, 0.2843** is the 20% darker color. If you saturate the color by 10%, you get **15.8198, 2.8179, -0.0454**, and if you desaturate by 10%, it is **18.3295, -0.7219, 0.9250**.

Distribution



Red (20%)

Green (18%)

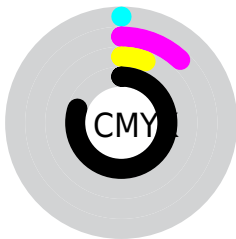
Blue (19%)



Red (20%)

Yellow (18%)

Blue (19%)



Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (80%)



Cyan (80%)

Magenta (82%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.0464, 1.0337, 0.4155 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 17.0464, 1.0337, 0.4155 by changing the saturation by 10% instead.

■ 17.0464, 1.0337,
0.4155

■ 17.0464, 1.0337,
0.4155

■ 112.7521, -2.4301,
5.1865

■ 10.4058, 1.1071,
0.1294

■ 33.2403, 0.6340,
1.1731

0.0000, INF, -NF

0.0000, NaN, NaN

■ 42.5888, 0.3366,
1.6282

0.0000, NaN, NaN

■ 52.6792, -0.0149,
2.1275

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.4606, -0.4151,
2.6677

0.0000, NaN, NaN

■ 74.8910, -0.8598,
3.2458

0.0000, NaN, NaN

■ 86.9357, -1.3456,

0.0000, NaN, NaN

3.8595

99.5647, -1.8698,
4.5070

17.0464, 1.0337,
0.4155

17.0464, 1.0337,
0.4155

15.8198, 2.8179,
-0.0454

18.3295, -0.7219,
0.9250

14.6566, 4.6264,
-0.4471

19.6615, -2.4461,
1.4732

13.5667, 6.4462,
-0.7750

21.0370, -4.1406,
2.0537

12.5611, 8.2542,
-1.0115

22.4517, -5.8076,
2.6612

11.6524, 10.0123,
-1.1361

23.9015, -7.4501,
3.2914

■ 10.8544, 11.6636,
-1.1269

■ 25.3834, -9.0711,
3.9411

■ 10.1802, 13.1333,
-0.9653

■ 26.8944, -10.6735,
4.6079

■ 9.5415, 14.6551,
-0.7673

■ 28.4324, -12.2603,
5.2896

■ 8.9701, 16.1927,
-0.6467

■ 29.9953, -13.8338,
5.9847

Harmonies

Analogous

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



17.0468, 0.4935, -0.4687



17.0464, 1.0337, 0.4155



17.0468, 1.0440, 1.3891

Triad

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



17.0468, 1.0332, 0.4158



17.0468, -1.3994, 2.6484



17.0468, -2.2977, -0.4397

Complementary

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



17.0464, 1.0337, 0.4155



18.0517, -2.8237, 1.5297

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.



17.0468, -2.7807, 0.4535



17.0464, 1.0337, 0.4155



17.0468, -2.2705, 2.2155

Square

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



17.0468, 1.0332, 0.4158



17.0468, -0.3770, 2.6397



17.0468, -2.7708, 1.4246



17.0468, -1.4375, -0.9821

Rectangle

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



17.0464, 1.0337, 0.4155



17.0468, 0.7488, 1.9558



17.0468, -2.7708, 1.4246



17.0468, -2.5087, -0.1682

Sweetspot

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



17.0468, 1.0332, 0.4158



23.7983, -0.5756, 1.1023



16.8968, 0.6815, -0.9763



12.8477, -0.2520, 0.5792



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



17.0468, 1.0332, 0.4158



21.8630, 2.1108, 0.3429



16.9748, 0.6464, 1.4425



9.4381, 0.2392, 0.3140



15.2406, 27.3237, 0.3617



39.7538, 70.8220, 4.4297

Inverse Universe

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



17.0468, 1.0332, 0.4158



21.8630, 2.1108, 0.3429



18.1241, -2.4207, 0.4975



9.4381, 0.2392, 0.3140



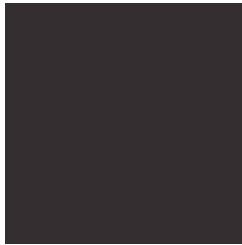
15.2406, 27.3237, 0.3617



39.7538, 70.8220, 4.4297

Previews

White Background



This preview shows how the HunterLab color 17.0464, 1.0337, 0.4155 looks on a white background.

Color Contrast Check

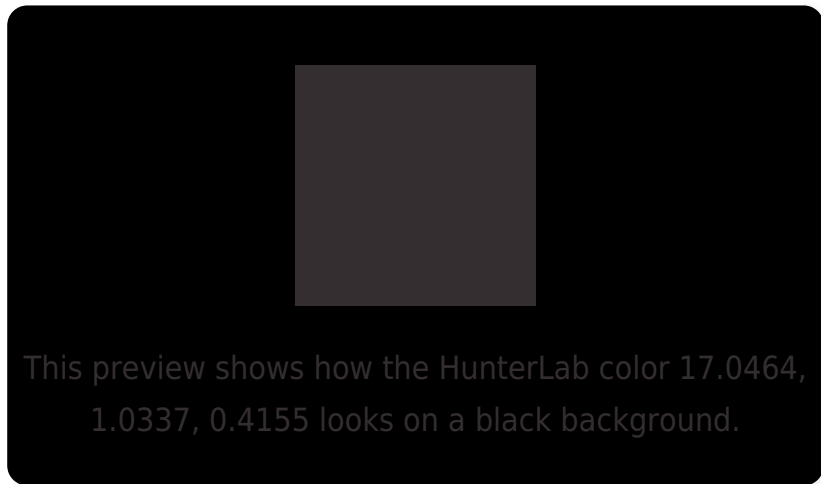
Large Text (above 18pt) WCAG AA ✓ Pass

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

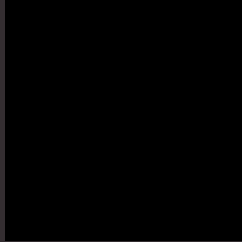
Any Text WCAG AA × Fail

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 17.0464, 1.0337, 0.4155 Background



This preview shows how black text looks on a background with the HunterLab color 17.0464, 1.0337, 0.4155.



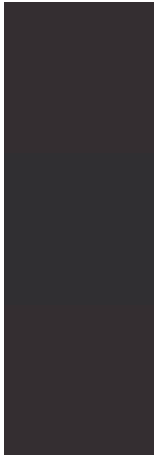
This preview shows how white text looks on a background with the HunterLab color 17.0464, 1.0337,

0.4155.

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

17.0464, 1.0337, 0.4155

Protanopia

17.0050, -0.2502, -0.0473

Deuteranopia

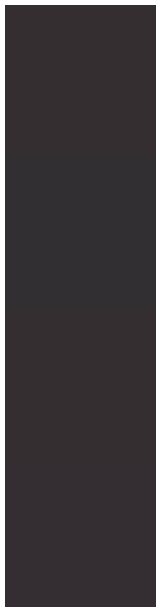
17.0464, 1.0337, 0.4155



Tritanopia

17.0714, 1.1679, 0.0595

Trichromacy



Original Color

17.0464, 1.0337, 0.4155

Protanomaly

17.0771, -0.0026, 0.0460

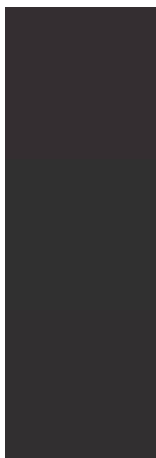
Deuteranomaly

17.0464, 1.0337, 0.4155

Tritanomaly

17.0714, 1.1679, 0.0595

Monochromacy



Original Color

17.0464, 1.0337, 0.4155

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.0276, -0.2716, 0.7509

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.0464, 1.0337, 0.4155 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(52, 46, 49)` looks like.

```
.text, #text, p{  
    color:rgb(52, 46, 49)  
}
```

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(52, 46, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 46, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 17.0464, 1.0337, 0.4155 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(52, 46, 49) }
```


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

```
.border{ border-color:rgb(52, 46, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 46, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 46, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 46, 49);  
box-shadow:4px 4px 4px 4px rgb(52, 46, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.0464, 1.0337, 0.4155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 46, 49) }
```

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

```
.background{ background-color: rgb(52, 46,  
49) }
```

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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