

Converting Colors

HunterLab(36.8598, -0.1633,
11.9819)

Have a look what the booklet for
HunterLab(36.8598, -0.1633,
11.9819) contains.

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Color

**HunterLab(36.8745, -0.3430,
12.0128)**

Conversions

Conversions Part 1

Format	Color
Hex	75654B
RGB	117, 101, 75
RGB Percent	46%, 40%, 29%
CMY	0.5412, 0.6039, 0.7059
CMYK	0.00, 0.14, 0.36, 0.54
HSL	37°, 22%, 38%
HSV	37°, 36%, 46%
XYZ	13.2598, 13.5973, 8.5823
YIQ	102.8200, 17.8820, -4.6940

Conversions

Conversions Part 2

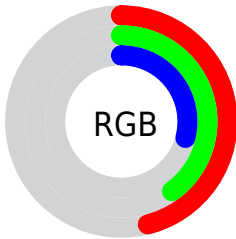
Format	Color
RYB	101, 117, 75
Decimal	7693643
CIELab	43.65, 2.21, 17.09
CIElCh	44, 17.235, 82.641
Yxy	13.5979, 0.3742, 0.3837
Android (android.graphics.Color)	4285883723 (0xFF75654B)
YUV	102.8200, -13.7153, 12.4359
Hunter-Lab	36.8745, -0.3430, 12.0128

Details

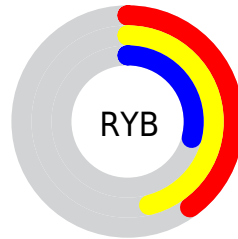
The HunterLab color $36.8745, -0.3430, 12.0128$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $32.0345, -1.1552, -11.4294$, and the grayscale version is $36.8065, -1.9639, 1.9998$.

A 20% lighter version of the original color is $56.9717, -1.1826, 15.2403$, and $19.9153, 0.5552, 8.4222$ is the 20% darker color. If you saturate the color by 10%, you get $35.5106, 0.5626, 13.9658$, and if you desaturate by 10%, it is $38.2912, -1.0812, 9.7133$.

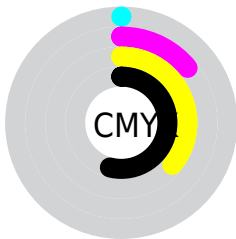
Distribution



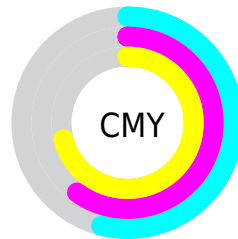
- Red (46%)
- Green (40%)
- Blue (29%)



- Red (40%)
- Yellow (46%)
- Blue (29%)



- Cyan (0%)
- Magenta (14%)
- Yellow (36%)
- Black (54%)



- Cyan (54%)
- Magenta (60%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.8745, -0.3430, 12.0128 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 36.8745, -0.3430, 12.0128 by changing the saturation by 10% instead.

■ 36.8745, -0.3430,
12.0128

■ 36.8745, -0.3430,
12.0128

■ 146.5315, -5.2654,
25.5584

■ 28.0028, -0.0103,
10.3349

■ 56.8980, -1.1650,
15.1765

■ 19.9843, 0.2634,
8.5470

■ 67.9428, -1.6421,
16.6997

■ 12.9231, 0.4656,
6.9796

■ 79.6221, -2.1593,
18.1997

■ 6.3573, 1.1735,
4.4501

■ 91.9031, -2.7137,
19.6841

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.7577, -3.3033,
21.1583

0.0000, NaN, NaN

118.1613, -3.9261,

0.0000, NaN, NaN

22.6268

0.0000, NaN, NaN

132.0923, -4.5806,
24.0926

■ 36.8745, -0.3430,
12.0128

■ 36.8745, -0.3430,
12.0128

■ 35.5106, 0.5626,
13.9658

■ 38.2912, -1.0812,
9.7133

■ 34.1998, 1.6446,
15.5516

■ 39.7556, -1.6549,
7.0867

■ 32.9454, 2.9045,
16.7547

■ 41.2659, -2.0733,
4.1549

■ 31.7497, 4.3415,
17.5649

■ 42.8195, -2.3445,
0.9388

■ 30.6148, 5.9498,
17.9811

■ 44.4140, -2.4772,
-2.5413

■ 29.5389, 7.7022,
18.0598

■ 46.0472, -2.4798,
-6.2662

■ 29.1089, 8.4298,
18.0843

■ 47.7170, -2.3606,
-10.2181

■ 49.4214, -2.1275,
-14.3803

■ 51.1585, -1.7880,
-18.7377

Harmonies

Analogous

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



36.8754, 5.9794, 10.3092



36.8745, -0.3430, 12.0128



36.8754, -6.6889, 11.4326

Triad

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



36.8754, -0.3443, 12.0133



36.8754, -12.8775, -2.9036



36.8754, 8.5728, -6.0185

Complementary

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



36.8745, -0.3430, 12.0128



32.0345, -1.1552, -11.4294

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.



36.8754, 2.9997, -10.8349



36.8745, -0.3430, 12.0128



36.8754, -9.2975, -8.8290

Square

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



36.8754, -0.3443, 12.0133



36.8754, -13.6359, 3.5074



36.8754, -3.5671, -11.9442



36.8754, 11.3558, 0.4412

Rectangle

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



36.8745, -0.3430, 12.0128



36.8754, -10.1109, 9.7703



36.8754, -3.5671, -11.9442



36.8754, 6.9458, -7.9264

Sweetspot

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



36.8754, -0.3443, 12.0133



54.1246, -2.4980, 7.7227



30.9375, 13.6243, 0.2903



25.8541, -1.1696, 3.8929



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



36.8754, -0.3443, 12.0133



47.8403, 0.5191, 18.2574



40.8435, -8.8659, 15.3491



20.1074, -0.9653, 2.5179



30.5047, 8.9479, 18.9535



66.0711, 22.3284, 41.1036

Inverse Universe

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



32.0345, -1.1552, -11.4294



39.9800, -0.6555, -20.0690



28.3158, 7.3525, -17.6627



19.4869, -1.0860, -0.4561



18.4876, 11.4724, -47.8736



38.8760, 29.9888, -113.3289

Previews

White Background



This preview shows how the HunterLab color 36.8745, -0.3430, 12.0128 looks on a white background.

Color Contrast Check

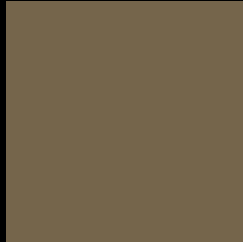
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 36.8745, -0.3430, 12.0128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

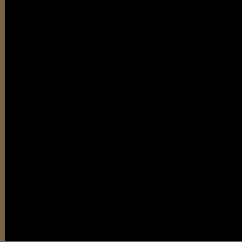
Any Text WCAG AA × Fail

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 36.8745, -0.3430, 12.0128 Background



This preview shows how black text looks on a background with the HunterLab color 36.8745, -0.3430, 12.0128.



This preview shows how white text looks on a background with the HunterLab color 36.8745, -0.3430,

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

36.8745, -0.3430, 12.0128

Protanopia

36.8806, -3.0240, 11.6807

Deuteranopia

36.8365, 2.2033, 12.0229



Tritanopia

36.8271, 6.1739, 1.2844

Trichromacy



Original Color

36.8745, -0.3430, 12.0128

Protanomaly

36.7903, -1.9598, 11.6166

Deuteranomaly

36.8991, 1.0858, 12.0601

Tritanomaly

36.6953, 3.8642, 5.5690

Monochromacy



Original Color

36.8745, -0.3430, 12.0128

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.7168, -1.4846, 5.8760

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.8745, -0.3430, 12.0128 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(117, 101, 75)` looks like.

```
.text, #text, p{  
    color:rgb(117, 101, 75)  
}
```

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(117, 101, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 101, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 36.8745, -0.3430, 12.0128 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(117, 101, 75) }
```


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

```
.border{ border-color:rgb(117, 101, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 101, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 101, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 101, 75);  
box-shadow:4px 4px 4px 4px rgb(117, 101,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.8745, -0.3430, 12.0128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 101, 75) }
```

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

```
.background{ background-color: rgb(117,  
101, 75) }
```

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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