

Converting Colors

HunterLab(42.9318, -1.5835,
16.8597)

Have a look what the booklet for
HunterLab(42.9318, -1.5835,
16.8597) contains.

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Color

**HunterLab(42.8897, -1.5695,
16.9490)**

Conversions

Conversions Part 1

Format	Color
Hex	87754C
RGB	135, 117, 76
RGB Percent	53%, 46%, 30%
CMY	0.4706, 0.5412, 0.7020
CMYK	0.00, 0.13, 0.44, 0.47
HSL	42°, 28%, 41%
HSV	42°, 44%, 53%
XYZ	17.6575, 18.3953, 9.4574
YIQ	117.7080, 23.8890, -8.9350

Conversions

Conversions Part 2

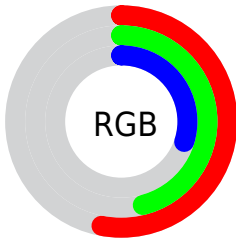
Format	Color
RYB	102, 135, 76
Decimal	8877388
CIELab	49.97, 0.93, 25.17
CIELCh	50, 25.190, 87.874
Yxy	18.3961, 0.3880, 0.4042
Android (android.graphics.Color)	4287067468 (0xFF87754C)
YUV	117.7080, -20.5620, 15.1651
Hunter-Lab	42.8897, -1.5695, 16.9490

Details

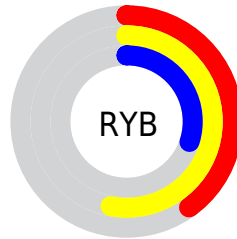
The HunterLab color $42.8897, -1.5695, 16.9490$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $33.6017, 1.5238, -19.7132$, and the grayscale version is $42.5217, -2.2689, 2.3103$.

A 20% lighter version of the original color is $63.7773, -2.8043, 21.2132$, and $24.9800, -0.6148, 12.3050$ is the 20% darker color. If you saturate the color by 10%, you get $41.5800, -0.7840, 19.0059$, and if you desaturate by 10%, it is $44.2548, -2.1490, 14.4215$.

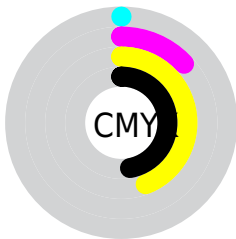
Distribution



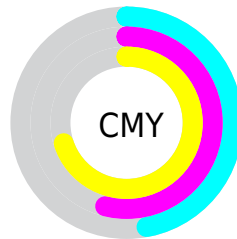
- Red (53%)
- Green (46%)
- Blue (30%)



- Red (40%)
- Yellow (53%)
- Blue (30%)



- Cyan (0%)
- Magenta (13%)
- Yellow (44%)
- Black (47%)



- Cyan (47%)
- Magenta (54%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8897, -1.5695, 16.9490 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 42.8897, -1.5695, 16.9490 by changing the saturation by 10% instead.

■ 42.8897, -1.5695,
16.9490

■ 42.8897, -1.5695,
16.9490

155.9149, -7.2230,
34.1891

■ 33.5183, -1.1269,
14.7243

■ 63.8053, -2.5869,
21.0963

■ 24.9499, -0.7309,
12.3461

■ 75.2553, -3.1522,
23.0665

■ 17.2695, -0.3894,
9.8651

■ 87.3185, -3.7527,
24.9891

■ 10.5949, -0.1120,
7.4165

■ 99.9652, -4.3863,
26.8748

0.0000, INF, NaN

0.0000, NaN, NaN

■ 113.1696, -5.0515,
28.7319

0.0000, NaN, NaN

126.9090, -5.7468,

0.0000, NaN, NaN

30.5668

0.0000, NaN, NaN

141.1634, -6.4710,
32.3845

■ 42.8897, -1.5695,
16.9490

■ 42.8897, -1.5695,
16.9490

■ 41.5800, -0.7840,
19.0059

■ 44.2548, -2.1490,
14.4215

■ 40.3243, 0.2140,
20.5788

■ 45.6707, -2.5220,
11.4390

■ 39.1244, 1.4209,
21.6640

■ 47.1363, -2.6963,
8.0220

■ 37.9810, 2.8299,
22.2683

■ 48.6498, -2.6794,
4.1924

■ 36.8931, 4.4262,
22.4186

■ 50.2092, -2.4798,
-0.0267

■ 36.2278, 5.4755,
22.4192

■ 51.8125, -2.1062,
-4.6126

■ 53.4576, -1.5676,
-9.5426

■ 55.1428, -0.8732,
-14.7950

■ 56.8662, -0.0316,
-20.3490

Harmonies

Analogous

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



42.8907, 8.4848, 15.1744



42.8897, -1.5695, 16.9490



42.8907, -10.9626, 15.6203

Triad

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



42.8907, -1.5711, 16.9495



42.8907, -18.0815, -7.1870



42.8907, 15.3453, -8.6451

Complementary

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



42.8897, -1.5695, 16.9490



33.6017, 1.5238, -19.7132

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.



42.8907, 7.1298, -17.3178



42.8897, -1.5695, 16.9490



42.8907, -12.0976, -16.3486

Square

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



42.8907, -1.5711, 16.9495



42.8907, -19.9553, 3.0115



42.8907, -3.0059, -20.4166



42.8907, 18.7949, 1.6466

Rectangle

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



42.8897, -1.5695, 16.9490



42.8907, -15.7115, 12.9316



42.8907, -3.0059, -20.4166



42.8907, 13.0144, -11.9281

Sweetspot

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



42.8907, -1.5711, 16.9495



63.1606, -3.6122, 10.5348



33.3772, 19.8165, 1.8156



30.2063, -1.7271, 5.5274



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



42.8907, -1.5711, 16.9495



55.7355, -1.1130, 25.3021



47.0622, -12.9222, 20.1590



22.7808, -1.2917, 3.0073



34.8232, 5.1935, 21.5488



2.3436, -0.2052, 1.4405

Inverse Universe

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



33.6017, 1.5238, -19.7132



40.8747, 4.2938, -34.2799



29.8927, 12.6031, -26.8229



21.8156, -1.0153, -0.7096



17.6307, 17.5440, -59.9093



1.4991, 0.0453, -1.9715

Previews

White Background



This preview shows how the HunterLab color 42.8897, -1.5695, 16.9490 looks on a white 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

Black Background



This preview shows how the HunterLab color 42.8897, -1.5695, 16.9490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

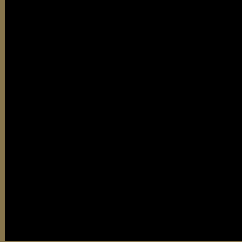
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.8897, -1.5695, 16.9490 Background



This preview shows how black text looks on a background with the HunterLab color 42.8897, -1.5695, 16.9490.



This preview shows how white text looks on a background with the HunterLab color 42.8897, -1.5695,

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

42.8897, -1.5695, 16.9490

Protanopia

42.8913, -4.3541, 16.6476

Deuteranopia

42.9070, 2.6436, 16.7833



Tritanopia

42.9341, 7.3167, 2.0453

Trichromacy



Original Color

42.8897, -1.5695, 16.9490

Protanomaly

42.7995, -3.2562, 16.5894

Deuteranomaly

42.8634, 1.1369, 16.7202

Tritanomaly

42.9388, 3.8302, 8.4417

Monochromacy



Original Color

42.8897, -1.5695, 16.9490

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

42.6863, -2.6142, 8.4341

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.8897, -1.5695, 16.9490 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(135, 117, 76)` looks like.

```
.text, #text, p{  
    color:rgb(135, 117, 76)  
}
```

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(135, 117, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 117, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 42.8897, -1.5695, 16.9490 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(135, 117, 76) }
```


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

```
.border{ border-color:rgb(135, 117, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 117, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 117, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 117, 76);  
box-shadow:4px 4px 4px 4px rgb(135, 117,  
76) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.8897, -1.5695, 16.9490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 117, 76) }
```

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

```
.background{ background-color: rgb(135,  
117, 76) }
```

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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