

Converting Colors

HunterLab(18.7717, 12.2603,
4.8630)

Have a look what the booklet for
HunterLab(18.7717, 12.2603,
4.8630) contains.

HunterLab(18.7717, 12.2603, 4.8630)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(18.7717, 12.2603,
4.8630)**

Conversions

Conversions Part 1

Format	Color
Hex	53282A
RGB	83, 40, 42
RGB Percent	33%, 16%, 16%
CMY	0.6745, 0.8431, 0.8353
CMYK	0.00, 0.52, 0.49, 0.67
HSL	357°, 35%, 24%
HSV	357°, 52%, 33%
XYZ	4.7440, 3.5238, 2.6206
YIQ	53.0850, 24.9860, 9.7380

Conversions

Conversions Part 2

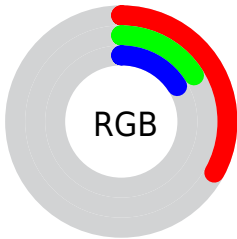
Format	Color
RYB	83, 40, 42
Decimal	5449770
CIELab	22.03, 20.17, 7.83
CIELCh	22, 21.634, 21.205
Yxy	3.5239, 0.4357, 0.3236
Android (android.graphics.Color)	4283639850 (0xFF53282A)
YUV	53.0850, -5.4649, 26.2355
Hunter-Lab	18.7717, 12.2603, 4.8630

Details

The HunterLab color **18.7717, 12.2603, 4.8630** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **26.8920, -10.8611, -0.7834**, and the grayscale version is **18.9094, -1.0090, 1.0274**.

A 20% lighter version of the original color is **35.3477, 14.0898, 6.9035**, and **6.4193, 10.9932, 4.1480** is the 20% darker color. If you saturate the color by 10%, you get **17.2397, 15.0340, 5.6591**, and if you desaturate by 10%, it is **20.5117, 9.4484, 4.1099**.

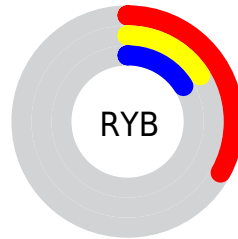
Distribution



Red (33%)

Green (16%)

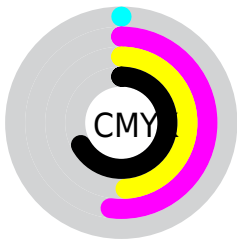
Blue (16%)



Red (33%)

Yellow (16%)

Blue (16%)

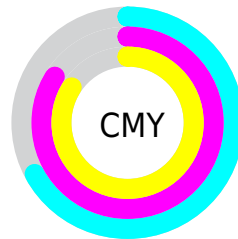


Cyan (0%)

Magenta (52%)

Yellow (49%)

Black (67%)



Cyan (67%)

Magenta (84%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.7717, 12.2603, 4.8630 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 18.7717, 12.2603, 4.8630 by changing the saturation by 10% instead.

■ 18.7717, 12.2603,
4.8630

■ 18.7717, 12.2603,
4.8630

■ 115.9536, 16.1747,
13.9935

■ 11.8786, 11.2369,
3.8073

■ 35.3834, 13.8344,
6.8773

■ 4.7414, 18.2829,
3.3190

■ 44.9128, 14.4308,
7.8691

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.1711, 14.9226,
8.8634

0.0000, NaN, NaN

■ 66.1096, 15.3225,
9.8650

0.0000, NaN, NaN

■ 77.6884, 15.6403,
10.8771

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.8740, 15.8841,

11.9017

0.0000, NaN, NaN

102.6374, 16.0604,
12.9402

18.7717, 12.2603,
4.8630

18.7717, 12.2603,
4.8630

17.2397, 15.0340,
5.6591

20.5117, 9.4484,
4.1099

15.9476, 17.6481,
6.4649

22.4274, 6.6774,
3.4142

14.9268, 19.9283,
7.2295

24.4924, 3.9842,
2.7804

14.1751, 21.7578,
7.8732

26.6845, 1.3829,
2.2062

13.5921, 23.3391,
8.3009

28.9855, -1.1261,
1.6864

■ 31.3809, -3.5493,
1.2147

■ 33.8588, -5.8960,
0.7847

■ 36.4098, -8.1764,
0.3907

■ 39.0260, -10.4002,
0.0275

Harmonies

Analogous

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



18.7722, 13.1548, -0.9064



18.7717, 12.2603, 4.8630



18.7722, 7.5692, 8.1728

Triad

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



18.7722, 12.2592, 4.8633



18.7722, -9.8543, 7.0908



18.7722, -2.8921, -15.1177

Complementary

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



18.7717, 12.2603, 4.8630



26.8920, -10.8611, -0.7834

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.



18.7722, -8.2679, -10.9374



18.7717, 12.2603, 4.8630



18.7722, -11.9095, 2.7650

Square

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



18.7722, 12.2592, 4.8633



18.7722, -5.3493, 9.1177



18.7722, -11.3715, -3.8553



18.7722, 3.7795, -13.9540

Rectangle

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



18.7717, 12.2603, 4.8630



18.7722, 3.2353, 9.1999



18.7722, -11.3715, -3.8553



18.7722, -4.8951, -14.2500

Sweetspot

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



18.7722, 12.2592, 4.8633



33.4506, 3.3965, 3.2246



19.7105, 17.1331, -12.1713



16.4553, 1.8654, 1.6404



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



18.7722, 12.2592, 4.8633



22.0846, 20.4236, 7.6259



22.7077, 3.7505, 8.8159



13.8061, 0.2996, 1.0280



17.2821, 29.6578, 10.6898



41.4582, 71.0555, 26.3469

Inverse Universe

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



18.7722, 12.2592, 4.8633



22.0846, 20.4236, 7.6259



21.6871, -2.9693, -9.0616



13.8061, 0.2996, 1.0280



17.2821, 29.6578, 10.6898



41.4582, 71.0555, 26.3469

Previews

White Background



This preview shows how the HunterLab color 18.7717, 12.2603, 4.8630 looks on a white background.

Color Contrast Check

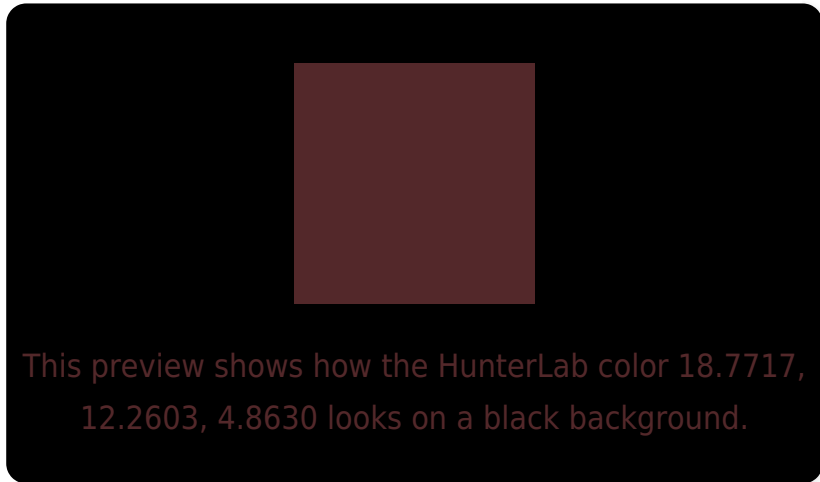
Large Text (above 18pt) WCAG AA ✓ Pass

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

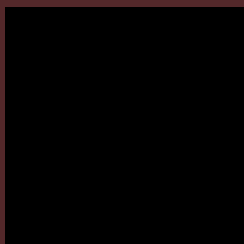
Any Text WCAG AA × Fail

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 18.7717, 12.2603, 4.8630 Background



This preview shows how black text looks on a background with the HunterLab color 18.7717, 12.2603, 4.8630.



This preview shows how white text looks on a background with the HunterLab color 18.7717, 12.2603,

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

18.7717, 12.2603, 4.8630

Protanopia

18.9746, -0.8680, 2.9393

Deuteranopia

18.9146, 1.0311, 5.3804



Tritanopia

18.7910, 12.3523, 4.5839

Trichromacy



Original Color

18.7717, 12.2603, 4.8630

Protanomaly

18.6264, 3.7899, 3.3162

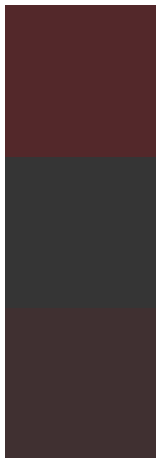
Deuteranomaly

18.6955, 4.9253, 4.9534

Tritanomaly

18.7910, 12.3523, 4.5839

Monochromacy



Original Color

18.7717, 12.2603, 4.8630

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

18.5085, 3.5414, 2.1587

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.7717, 12.2603, 4.8630 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(83, 40, 42)` looks like.

```
.text, #text, p{  
    color:rgb(83, 40, 42)  
}
```

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(83, 40, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 40, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 18.7717, 12.2603, 4.8630 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(83, 40, 42) }
```


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

```
.border{ border-color:rgb(83, 40, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 40, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 40, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 40, 42);  
box-shadow:4px 4px 4px 4px rgb(83, 40, 42)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.7717, 12.2603, 4.8630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 40, 42) }
```

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

```
.background{ background-color: rgb(83, 40,  
42) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor