

Converting Colors

HunterLab(19.9048, 12.4385,
4.7989)

Have a look what the booklet for
HunterLab(19.9048, 12.4385,
4.7989) contains.

HunterLab(19.8777, 12.6951, 4.7612)	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(19.8777, 12.6951,
4.7612)**

Conversions

Conversions Part 1

Format	Color
Hex	572B2E
RGB	87, 43, 46
RGB Percent	34%, 17%, 18%
CMY	0.6588, 0.8314, 0.8196
CMYK	0.00, 0.51, 0.47, 0.66
HSL	356°, 34%, 25%
HSV	356°, 51%, 34%
XYZ	5.2875, 3.9512, 3.0687
YIQ	56.4980, 25.2610, 10.2610

Conversions

Conversions Part 2

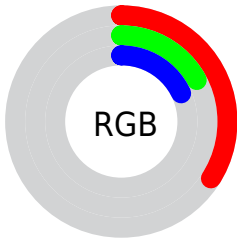
Format	Color
RYB	87, 43, 46
Decimal	5712686
CIELab	23.51, 20.57, 7.26
CIELCh	24, 21.812, 19.431
Yxy	3.9514, 0.4296, 0.3211
Android (android.graphics.Color)	4283902766 (0xFF572B2E)
YUV	56.4980, -5.1755, 26.7503
Hunter-Lab	19.8777, 12.6951, 4.7612

Details

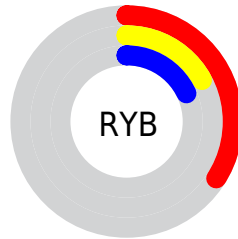
The HunterLab color **19.8777, 12.6951, 4.7612** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **28.2314, -11.4377, -0.4201**, and the grayscale version is **20.0675, -1.0708, 1.0903**.

A 20% lighter version of the original color is **36.8429, 14.1836, 6.6566**, and **6.8660, 11.7582, 4.4366** is the 20% darker color. If you saturate the color by 10%, you get **18.2398, 15.6348, 5.5818**, and if you desaturate by 10%, it is **21.7327, 9.7174, 4.0043**.

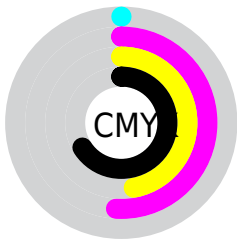
Distribution



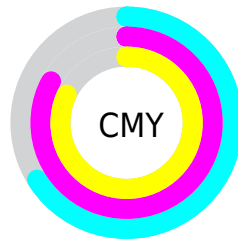
- Red (34%)
- Green (17%)
- Blue (18%)



- Red (34%)
- Yellow (17%)
- Blue (18%)



- Cyan (0%)
- Magenta (51%)
- Yellow (47%)
- Black (66%)



- Cyan (66%)
- Magenta (83%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.8777, 12.6951, 4.7612 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 19.8777, 12.6951, 4.7612 by changing the saturation by 10% instead.

■ 19.8777, 12.6951,
4.7612

■ 19.8777, 12.6951,
4.7612

■ 117.9693, 16.6490,
13.6073

■ 12.8313, 11.6757,
3.7611

■ 36.7452, 14.2697,
6.6855

■ 6.2338, 14.0553,
4.3637

■ 46.3859, 14.8695,
7.6415

0.0000, NaN, NaN

■ 56.7476, 15.3658,
8.6039

0.0000, NaN, NaN

■ 67.7832, 15.7710,
9.5764

0.0000, NaN, NaN

■ 79.4538, 16.0948,
10.5616

0.0000, NaN, NaN

■ 91.7265, 16.3449,

0.0000, NaN, NaN

11.5612

0.0000, NaN, NaN

104.5732, 16.5279,
12.5762

19.8777, 12.6951,
4.7612

19.8777, 12.6951,
4.7612

18.2398, 15.6348,
5.5818

21.7327, 9.7174,
4.0043

16.8528, 18.4109,
6.4360

23.7707, 6.7826,
3.3216

15.7506, 20.8409,
7.2738

25.9642, 3.9282,
2.7142

14.9494, 22.7445,
8.0221

28.2900, 1.1681,
2.1771

14.2801, 24.5461,
8.5224

30.7293, -1.4976,
1.7027

■ 33.2670, -4.0758,
1.2832

■ 35.8908, -6.5762,
0.9109

■ 38.5909, -9.0093,
0.5792

■ 41.3590, -11.3849,
0.2822

Harmonies

Analogous

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



19.8782, 13.3479, -1.3143



19.8777, 12.6951, 4.7612



19.8782, 8.0873, 8.3530

Triad

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



19.8782, 12.6939, 4.7616



19.8782, -9.9786, 7.5454



19.8782, -3.3831, -15.2502

Complementary

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



19.8777, 12.6951, 4.7612



28.2314, -11.4377, -0.4201

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.



19.8782, -8.8068, -10.7440



19.8777, 12.6951, 4.7612



19.8782, -12.2637, 3.2128

Square

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



19.8782, 12.6939, 4.7616



19.8782, -5.1916, 9.5499



19.8782, -11.8654, -3.4712



19.8782, 3.4355, -14.4062

Rectangle

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



19.8777, 12.6951, 4.7612



19.8782, 3.6989, 9.5090



19.8782, -11.8654, -3.4712



19.8782, -5.4126, -14.2646

Sweetspot

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



19.8782, 12.6939, 4.7616



35.4446, 3.2811, 3.1777



20.6646, 17.2284, -12.8355



17.3220, 1.8417, 1.6128



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



19.8782, 12.6939, 4.7616



23.3627, 21.3194, 7.5566



23.6093, 4.4495, 8.8857



14.5663, 0.3459, 1.0587



17.7426, 30.4748, 10.7662



41.9899, 71.9980, 26.4432

Inverse Universe

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



19.8782, 12.6939, 4.7616



23.3627, 21.3194, 7.5566



23.2750, -3.7319, -8.6925



14.5663, 0.3459, 1.0587



17.7426, 30.4748, 10.7662



41.9899, 71.9980, 26.4432

Previews

White Background



This preview shows how the HunterLab color 19.8777, 12.6951, 4.7612 looks on a white background.

Color Contrast Check

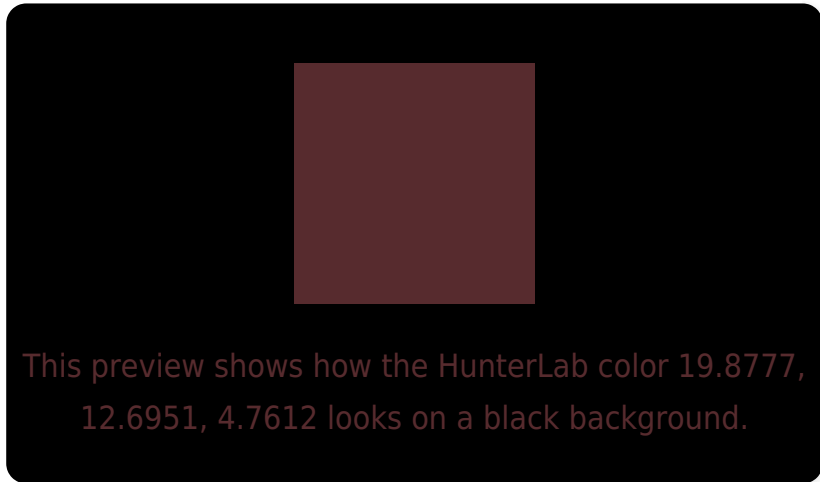
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.8777, 12.6951, 4.7612 Background



This preview shows how black text looks on a background with the HunterLab color 19.8777, 12.6951, 4.7612.



This preview shows how white text looks on a background with the HunterLab color 19.8777, 12.6951,

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

19.8777, 12.6951, 4.7612

Protanopia

20.0380, -0.6775, 2.3694

Deuteranopia

19.9460, 1.0751, 5.2263



Tritanopia

19.8777, 12.6951, 4.7612

Trichromacy



Original Color

19.8777, 12.6951, 4.7612

Protanomaly

19.6549, 3.8723, 3.0763

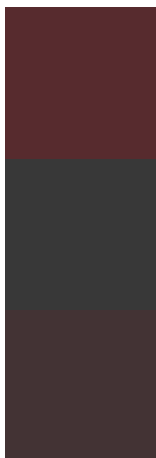
Deuteranomaly

19.8154, 5.3038, 4.8747

Tritanomaly

19.8777, 12.6951, 4.7612

Monochromacy



Original Color

19.8777, 12.6951, 4.7612

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

19.5163, 3.5140, 2.2176

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.8777, 12.6951, 4.7612 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(87, 43, 46)` looks like.

```
.text, #text, p{  
    color:rgb(87, 43, 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(87, 43, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 43, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 19.8777, 12.6951, 4.7612 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(87, 43, 46) }
```


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

```
.border{ border-color:rgb(87, 43, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 43, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 43, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 43, 46);  
box-shadow:4px 4px 4px 4px rgb(87, 43, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.8777, 12.6951, 4.7612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 43, 46) }
```

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

```
.background{ background-color: rgb(87, 43,  
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](#).

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