

Converting Colors

HunterLab(23.4428, 22.9781,
9.6796)

Have a look what the booklet for
HunterLab(23.4428, 22.9781,
9.6796) contains.

HunterLab(23.4992, 22.7847, 9.8140)	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(23.4992, 22.7847,
9.8140)**

Conversions

Conversions Part 1

Format	Color
Hex	742A28
RGB	116, 42, 40
RGB Percent	45%, 16%, 16%
CMY	0.5451, 0.8353, 0.8431
CMYK	0.00, 0.64, 0.66, 0.55
HSL	2°, 49%, 31%
HSV	2°, 66%, 45%
XYZ	8.4134, 5.5221, 2.6299
YIQ	63.8980, 44.7460, 15.0660

Conversions

Conversions Part 2

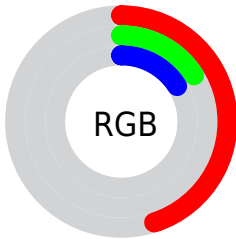
Format	Color
R_{YB}	116, 42, 40
Decimal	7612968
CIE _{Lab}	28.17, 32.43, 18.35
CIE _{LCh}	28, 37.260, 29.502
Yxy	5.5224, 0.5079, 0.3334
Android (android.graphics.Color)	4285803048 (0xFF742A28)
YUV	63.8980, -11.7817, 45.6935
Hunter-Lab	23.4992, 22.7847, 9.8140

Details

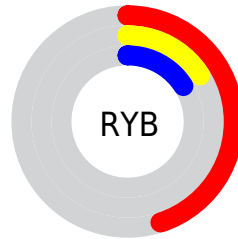
The HunterLab color **23.4992, 22.7847, 9.8140** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **37.0751, -16.5230, -3.8669**, and the grayscale version is **22.6367, -1.2078, 1.2299**.

A 20% lighter version of the original color is **41.1202, 25.2507, 13.3882**, and **10.1199, 17.3307, 6.5393** is the 20% darker color. If you saturate the color by 10%, you get **21.8258, 26.4083, 10.8582**, and if you desaturate by 10%, it is **25.5555, 18.8397, 8.6487**.

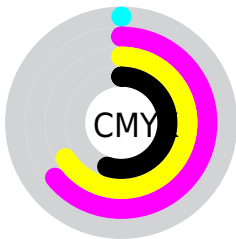
Distribution



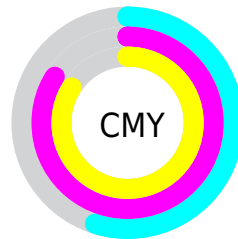
- Red (45%)
- Green (16%)
- Blue (16%)



- Red (45%)
- Yellow (16%)
- Blue (16%)



- Cyan (0%)
- Magenta (64%)
- Yellow (66%)
- Black (55%)



- Cyan (55%)
- Magenta (84%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.4992, 22.7847, 9.8140 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 23.4992, 22.7847, 9.8140 by changing the saturation by 10% instead.

■ 23.4992, 22.7847,
9.8140

■ 23.4992, 22.7847,
9.8140

■ 124.3988, 30.8872,
24.4051

■ 15.9904, 21.2979,
7.8270

■ 41.1484, 25.3470,
13.3851

■ 9.5135, 19.7385,
6.6594

■ 51.1319, 26.4345,
15.0504

0.0000, INF, NaN

0.0000, NaN, NaN

■ 61.8132, 27.4075,
16.6674

0.0000, NaN, NaN

■ 73.1494, 28.2767,
18.2502

0.0000, NaN, NaN

■ 85.1046, 29.0517,
19.8090

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.6483, 29.7407,

21.3510

0.0000, NaN, NaN

110.7541, 30.3505,
22.8816

23.4992, 22.7847,
9.8140

23.4992, 22.7847,
9.8140

21.8258, 26.4083,
10.8582

25.5555, 18.8397,
8.6487

20.5737, 29.4312,
11.6879

27.9430, 14.8024,
7.4370

19.7502, 31.5861,
12.2746

30.6130, 10.8130,
6.2299

19.4406, 32.4148,
12.5467

33.5217, 6.9461,
5.0557

36.6324, 3.2310,
3.9268

■ 39.9151, -0.3289,
2.8464

■ 43.3456, -3.7438,
1.8126

■ 46.9046, -7.0291,
0.8211

■ 50.5765, -10.2021,
-0.1332

Harmonies

Analogous

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



23.4999, 27.0289, 1.0847



23.4992, 22.7847, 9.8140



23.4999, 11.8426, 13.5134

Triad

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



23.4999, 22.7828, 9.8144



23.4999, -18.2135, 10.0058



23.4999, -1.4584, -33.6539

Complementary

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



23.4992, 22.7847, 9.8140



37.0751, -16.5230, -3.8669

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.



23.4999, -11.9934, -27.1295



23.4992, 22.7847, 9.8140



23.4999, -20.3792, 1.4720

Square

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



23.4999, 22.7828, 9.8144



23.4999, -11.7064, 13.5777



23.4999, -18.3539, -12.5393



23.4999, 11.4177, -27.5220

Rectangle

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



23.4992, 22.7847, 9.8140



23.4999, 3.1635, 14.3439



23.4999, -18.3539, -12.5393



23.4999, -5.3696, -32.8337

Sweetspot

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



23.4999, 22.7828, 9.8144



46.4798, 6.7154, 5.9451



25.4210, 33.0363, -21.3993



22.2563, 3.8184, 3.0674



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.



23.4999, 22.7828, 9.8144



27.9554, 37.3349, 15.0424



30.8167, 6.3147, 15.2373



19.2741, 0.4528, 1.6032



20.5838, 34.3754, 13.2854



45.2201, 76.6277, 29.2059

Inverse Universe

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



37.0751, -16.5230, -3.8669



48.4591, -23.6301, -6.0895



26.4246, -1.2359, -20.8121



20.3458, -2.4821, 0.5741



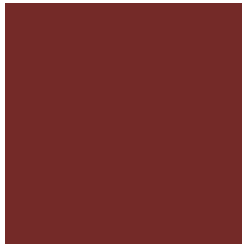
38.2750, -19.6220, -5.4821



84.3698, -43.1681, -12.2672

Previews

White Background



This preview shows how the HunterLab color 23.4992, 22.7847, 9.8140 looks on a white background.

Color Contrast Check

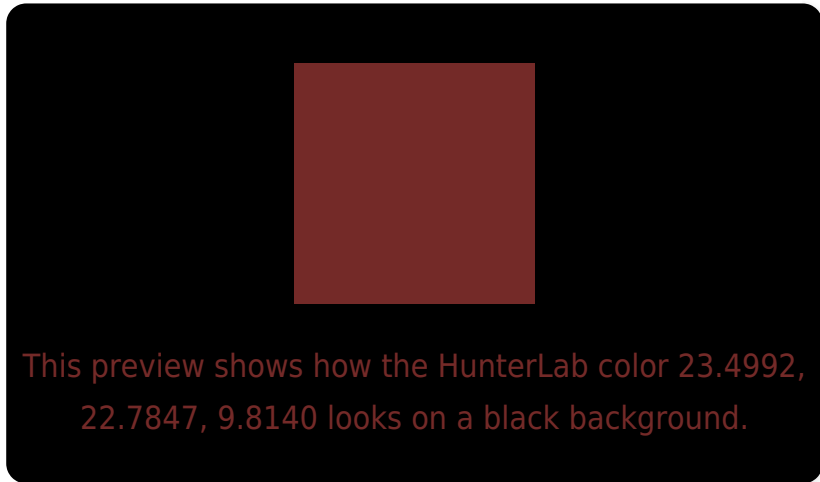
Large Text (above 18pt) WCAG AA ✓ Pass

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

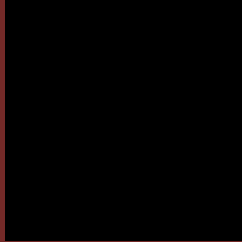
Any Text WCAG AA × Fail

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 23.4992, 22.7847, 9.8140 Background



This preview shows how black text looks on a background with the HunterLab color 23.4992, 22.7847, 9.8140.

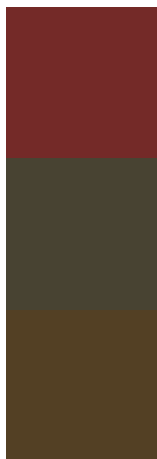


This preview shows how white text looks on a background with the HunterLab color 23.4992, 22.7847,

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

23.4992, 22.7847, 9.8140

Protanopia

23.7114, -1.9325, 7.0316

Deuteranopia

23.7343, 1.4771, 10.4814



Tritanopia

23.4110, 23.4591, 8.8016

Trichromacy



Original Color

23.4992, 22.7847, 9.8140

Protanomaly

23.0175, 6.4871, 7.6389

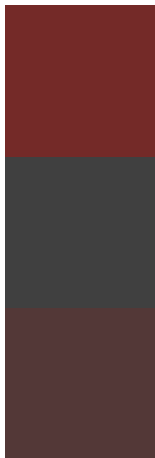
Deuteranomaly

23.2267, 9.0560, 10.0029

Tritanomaly

23.3951, 23.3889, 9.0333

Monochromacy



Original Color

23.4992, 22.7847, 9.8140

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

22.2333, 6.6218, 4.1773

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.4992, 22.7847, 9.8140 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(116, 42, 40)` looks like.

```
.text, #text, p{  
    color:rgb(116, 42, 40)  
}
```

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(116, 42, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 42, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 23.4992, 22.7847, 9.8140 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(116, 42, 40) }
```


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

```
.border{ border-color:rgb(116, 42, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 42, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 42, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 42, 40);  
box-shadow:4px 4px 4px 4px rgb(116, 42,  
40) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.4992, 22.7847, 9.8140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 42, 40) }
```

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

```
.background{ background-color: rgb(116, 42,  
40) }
```

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