

Converting Colors

HunterLab(23.2393, 19.3833,
12.0138)

Have a look what the booklet for
HunterLab(23.2393, 19.3833,
12.0138) contains.

HunterLab(23.2393, 19.3833, 12.0138)	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(23.2393, 19.3833,
12.0138)**

Conversions

Conversions Part 1

Format	Color
Hex	702D1B
RGB	112, 45, 27
RGB Percent	44%, 18%, 11%
CMY	0.5608, 0.8235, 0.8941
CMYK	0.00, 0.60, 0.76, 0.56
HSL	13°, 61%, 27%
HSV	13°, 76%, 44%
XYZ	7.8183, 5.4007, 1.6673
YIQ	62.9810, 45.7100, 8.6060

Conversions

Conversions Part 2

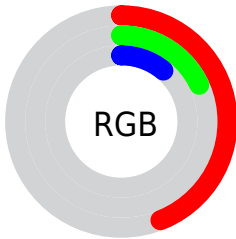
Format	Color
R_{YB}	112, 50, 27
Decimal	7351579
CIE Lab	27.85, 28.45, 25.93
CIE LCh	28, 38.499, 42.349
Yxy	5.4010, 0.5252, 0.3628
Android (android.graphics.Color)	4285541659 (0xFF702D1B)
YUV	62.9810, -17.7386, 42.9897
Hunter-Lab	23.2393, 19.3833, 12.0138

Details

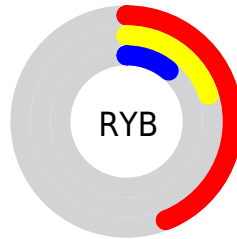
The HunterLab color **23.2393, 19.3833, 12.0138** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **30.6718, -10.7324, -10.9199**, and the grayscale version is **22.3375, -1.1919, 1.2136**.

A 20% lighter version of the original color is **40.7535, 21.5378, 16.8165**, and **9.4844, 16.2423, 6.1286** is the 20% darker color. If you saturate the color by 10%, you get **21.8037, 22.5096, 12.5175**, and if you desaturate by 10%, it is **24.9172, 16.1869, 11.2334**.

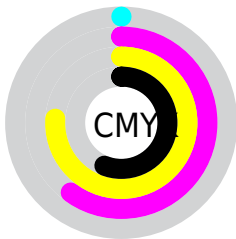
Distribution



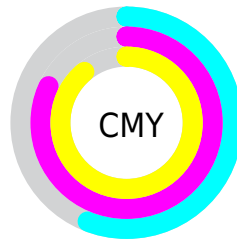
- Red (44%)
- Green (18%)
- Blue (11%)



- Red (44%)
- Yellow (20%)
- Blue (11%)



- Cyan (0%)
- Magenta (60%)
- Yellow (76%)
- Black (56%)



- Cyan (56%)
- Magenta (82%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.2393, 19.3833, 12.0138 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 23.2393, 19.3833, 12.0138 by changing the saturation by 10% instead.

■ 23.2393, 19.3833,
12.0138

■ 23.2393, 19.3833,
12.0138

■ 123.9453, 26.0518,
30.8050

■ 15.7619, 18.0533,
9.7611

■ 40.8350, 21.6053,
16.8097

■ 9.3210, 16.6081,
6.5247

■ 50.7948, 22.5240,
18.9982

0.0000, INF, NaN

0.0000, NaN, NaN

■ 61.4541, 23.3319,
21.0951

0.0000, NaN, NaN

■ 72.7695, 24.0405,
23.1226

0.0000, NaN, NaN

■ 84.7050, 24.6594,
25.0968

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.2300, 25.1965,

27.0295

0.0000, NaN, NaN

110.3178, 25.6587,
28.9299

23.2393, 19.3833,
12.0138

23.2393, 19.3833,
12.0138

21.8037, 22.5096,
12.5175

24.9172, 16.1869,
11.2334

20.6271, 25.4063,
12.7753

26.8091, 13.0318,
10.2231

20.2153, 26.4590,
12.9198

28.8896, 9.9821,
9.0310

31.1345, 7.0720,
7.6984

33.5229, 4.3141,
6.2580

■ 36.0366, 1.7072,
4.7348

■ 38.6604, -0.7574,
3.1471

■ 41.3817, -3.0920,
1.5083

■ 44.1897, -5.3100,
-0.1718

Harmonies

Analogous

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



23.2399, 27.2901, 5.6523



23.2393, 19.3833, 12.0138



23.2399, 6.5254, 14.2476

Triad

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



23.2399, 19.3814, 12.0141



23.2399, -20.0331, 7.1971



23.2399, 4.1393, -34.1105

Complementary

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



23.2393, 19.3833, 12.0138



30.6718, -10.7324, -10.9199

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.



23.2399, -8.1054, -32.8898



23.2393, 19.3833, 12.0138



23.2399, -20.4055, -4.1899

Square

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



23.2399, 19.3814, 12.0141



23.2399, -15.3470, 12.6290



23.2399, -16.5024, -20.0775



23.2399, 17.3189, -22.8499

Rectangle

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



23.2393, 19.3833, 12.0138



23.2399, -2.2204, 14.5651



23.2399, -16.5024, -20.0775



23.2399, -0.2457, -35.2652

Sweetspot

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



23.2399, 19.3814, 12.0141



45.1812, 4.9097, 7.8411



22.4830, 33.2167, -14.1150



21.6842, 2.9059, 4.1226



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



23.2399, 19.3814, 12.0141



27.7010, 32.7688, 16.8220



32.0306, 1.0552, 17.8361



18.7231, -0.0027, 1.8047



21.6661, 28.6600, 13.8523



47.2534, 67.3748, 30.2968

Inverse Universe

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



30.6718, -10.7324, -10.9199



38.6549, -13.5931, -17.7246



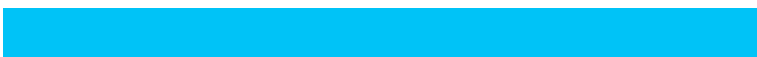
19.7580, 7.2261, -33.6986



19.2383, -1.9542, 0.2504



30.7258, -10.6337, -15.4495



67.6381, -22.4410, -36.0981

Previews

White Background



This preview shows how the HunterLab color 23.2393, 19.3833, 12.0138 looks on a white background.

Color Contrast Check

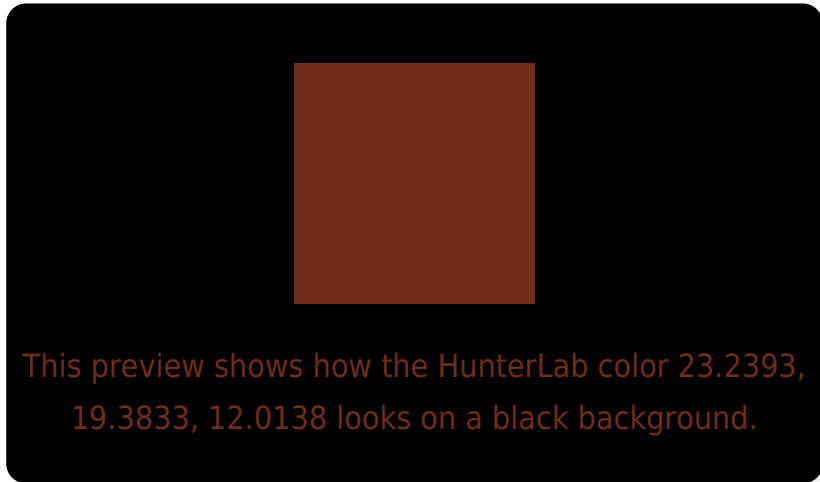
Large Text (above 18pt) WCAG AA ✓ Pass

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

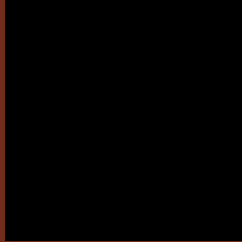
Any Text WCAG AA × Fail

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 23.2393, 19.3833, 12.0138 Background



This preview shows how black text looks on a background with the HunterLab color 23.2393, 19.3833, 12.0138.

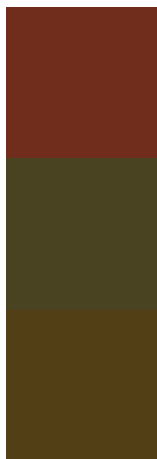


This preview shows how white text looks on a background with the HunterLab color 23.2393, 19.3833,

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

23.2393, 19.3833, 12.0138

Protanopia

23.6340, -2.6903, 10.7195

Deuteranopia

23.3494, 1.1052, 12.4797



Tritanopia

23.2979, 21.6524, 8.4172

Trichromacy



Original Color

23.2393, 19.3833, 12.0138

Protanomaly

23.0251, 4.9474, 10.9365

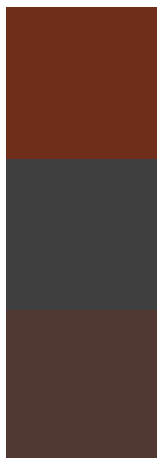
Deuteranomaly

22.9651, 7.9636, 12.0594

Tritanomaly

23.3496, 20.7589, 10.0951

Monochromacy



Original Color

23.2393, 19.3833, 12.0138

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

21.9271, 5.4505, 5.4473

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.2393, 19.3833, 12.0138 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(112, 45, 27)` looks like.

```
.text, #text, p{  
    color:rgb(112, 45, 27)  
}
```

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(112, 45, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 45, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 23.2393, 19.3833, 12.0138 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(112, 45, 27) }
```


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

```
.border{ border-color:rgb(112, 45, 27) }
```

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

Here you see how a box with a 4 pixel rgb(112, 45, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 45, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 45, 27);  
box-shadow:4px 4px 4px 4px rgb(112, 45,  
27) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.2393, 19.3833, 12.0138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 45, 27) }
```

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

```
.background{ background-color: rgb(112, 45,  
27) }
```

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