

Converting Colors

HunterLab(23.0821, 12.4064,
8.6430)

Have a look what the booklet for
HunterLab(23.0821, 12.4064,
8.6430) contains.

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Color

**HunterLab(23.1803, 12.2193,
8.6517)**

Conversions

Conversions Part 1

Format	Color
Hex	63352B
RGB	99, 53, 43
RGB Percent	39%, 21%, 17%
CMY	0.6118, 0.7921, 0.8314
CMYK	0.00, 0.46, 0.57, 0.61
HSL	11°, 39%, 28%
HSV	11°, 57%, 39%
XYZ	6.8547, 5.3733, 2.9614
YIQ	65.6140, 30.6260, 6.6420

Conversions

Conversions Part 2

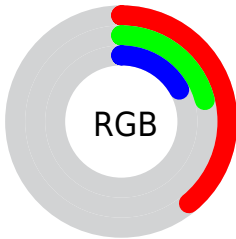
Format	Color
R_{YB}	99, 55, 43
Decimal	6501675
CIE Lab	27.77, 19.45, 15.32
CIE LCh	28, 24.758, 38.241
Yxy	5.3735, 0.4513, 0.3538
Android (android.graphics.Color)	4284691755 (0xFF63352B)
YUV	65.6140, -11.1487, 29.2795
Hunter-Lab	23.1803, 12.2193, 8.6517




Details

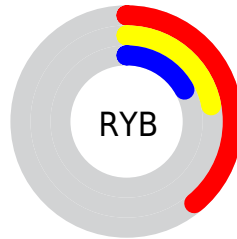
The HunterLab color **23.1803, 12.2193, 8.6517** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **29.2553, -9.5816, -6.0638**, and the grayscale version is **23.2367, -1.2399, 1.2625**.




A 20% lighter version of the original color is **40.6337, 13.7145, 11.4879**, and **9.3460, 10.6329, 5.9451** is the 20% darker color. If you saturate the color by 10%, you get **21.5174, 15.0630, 9.5376**, and if you desaturate by 10%, it is **25.0213, 9.4448, 7.6306**.

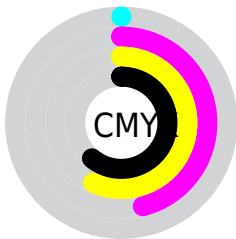
Distribution







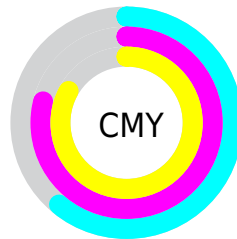
-  Red (39%)
-  Green (21%)
-  Blue (17%)






-  Red (39%)
-  Yellow (22%)
-  Blue (17%)



-  Cyan (0%)
-  Magenta (46%)
-  Yellow (57%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (79%)
-  Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.1803, 12.2193, 8.6517 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 23.1803, 12.2193, 8.6517 by changing the saturation by 10% instead.

■ 23.1803, 12.2193,
8.6517

■ 23.1803, 12.2193,
8.6517

123.8421, 15.3675,
21.6418

■ 15.7100, 11.3321,
6.9400

■ 40.7637, 13.5626,
11.7598

■ 9.2767, 10.2795,
6.4937

■ 50.7182, 14.0620,
13.2266

0.0000, INF, NaN

0.0000, NaN, NaN

■ 61.3724, 14.4660,
14.6610

0.0000, NaN, NaN

■ 72.6831, 14.7854,
16.0742

0.0000, NaN, NaN

■ 84.6141, 15.0289,
17.4739

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.1348, 15.2033,

18.8658

0.0000, NaN, NaN

110.2185, 15.3146,
20.2540

23.1803, 12.2193,
8.6517

23.1803, 12.2193,
8.6517

21.5174, 15.0630,
9.5376

25.0213, 9.4448,
7.6306

20.0557, 17.9099,
10.2441

27.0155, 6.7822,
6.5089

18.8205, 20.6504,
10.7268

29.1433, 4.2461,
5.3143

17.8252, 23.1097,
11.0636

31.3875, 1.8386,
4.0667

17.5358, 23.8398,
11.2228

33.7334, -0.4464,
2.7802

■ 36.1691, -2.6191,
1.4643

■ 38.6844, -4.6910,
0.1258

■ 41.2709, -6.6736,
-1.2308

■ 43.9217, -8.5780,
-2.6025

Harmonies

Analogous

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



23.1809, 16.1600, 3.2752



23.1803, 12.2193, 8.6517



23.1809, 4.7848, 11.1959

Triad

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



23.1809, 12.2179, 8.6521



23.1809, -13.9359, 6.0843



23.1809, 1.0231, -18.5580

Complementary

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



23.1803, 12.2193, 8.6517



29.2553, -9.5816, -6.0638

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.



23.1809, -6.7027, -17.0073



23.1803, 12.2193, 8.6517



23.1809, -14.6566, -0.9501

Square

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



23.1809, 12.2179, 8.6521



23.1809, -10.0638, 10.1047



23.1809, -12.1877, -9.8306



23.1809, 9.1443, -13.5418

Rectangle

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



23.1803, 12.2193, 8.6517



23.1809, -0.7610, 11.6832



23.1809, -12.1877, -9.8306



23.1809, -1.7114, -18.8133

Sweetspot

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



23.1809, 12.2179, 8.6521



40.8338, 2.6914, 5.4791



22.6118, 22.3250, -10.8442



19.7287, 1.4980, 2.7705



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



23.1809, 12.2179, 8.6521



27.5052, 20.9931, 12.8334



29.3484, 0.1844, 13.4703



16.2938, 0.0325, 1.5109



19.8988, 27.5969, 12.7447



44.9301, 67.1381, 28.8611

Inverse Universe

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



29.2553, -9.5816, -6.0638



36.8837, -13.4138, -10.0587



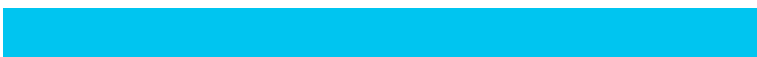
21.9627, 1.8202, -18.3015



16.8047, -1.7411, 0.2860



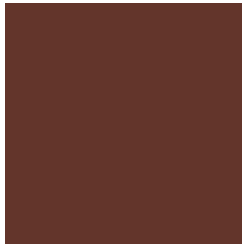
29.7594, -11.4313, -12.5197



67.9366, -25.2893, -30.3225

Previews

White Background



This preview shows how the HunterLab color 23.1803, 12.2193, 8.6517 looks on a white background.

Color Contrast Check

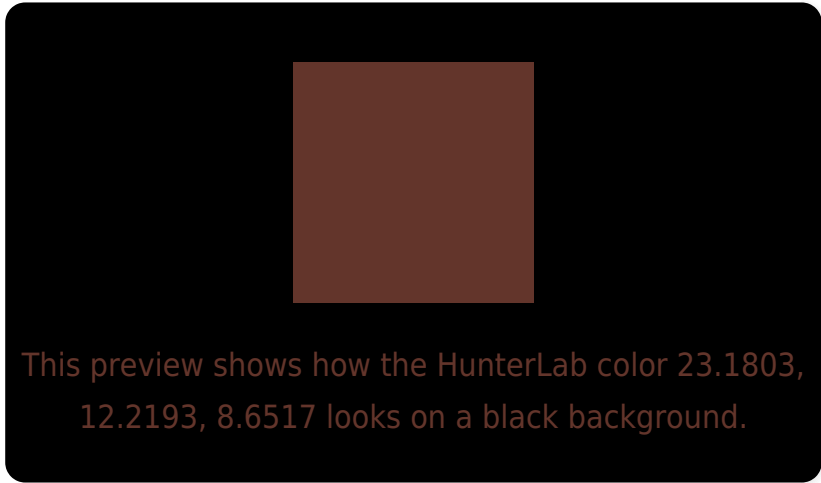
Large Text (above 18pt) WCAG AA ✓ Pass

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

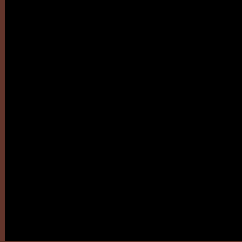
Any Text WCAG AA × Fail

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 23.1803, 12.2193, 8.6517 Background



This preview shows how black text looks on a background with the HunterLab color 23.1803, 12.2193, 8.6517.

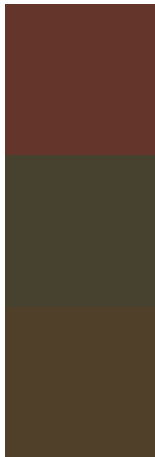


This preview shows how white text looks on a background with the HunterLab color 23.1803, 12.2193, 8.6517.

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

23.1803, 12.2193, 8.6517

Protanopia

23.3440, -2.0059, 7.2472

Deuteranopia

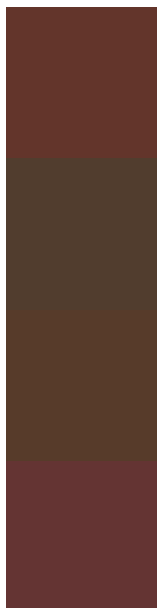
23.2821, 1.3165, 9.0271



Tritanopia

23.1361, 14.5130, 5.2479

Trichromacy



Original Color

23.1803, 12.2193, 8.6517

Protanomaly

22.9871, 2.9101, 7.5487

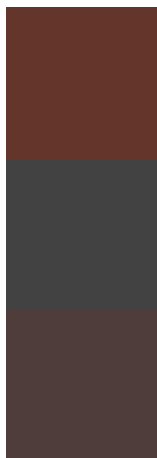
Deuteranomaly

23.0680, 5.3808, 8.6786

Tritanomaly

23.2472, 13.6882, 6.5766

Monochromacy



Original Color

23.1803, 12.2193, 8.6517

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

22.9405, 3.2280, 3.8466

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.1803, 12.2193, 8.6517 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(99, 53, 43)` looks like.

```
.text, #text, p{  
    color:rgb(99, 53, 43)  
}
```

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(99, 53, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 53, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 23.1803, 12.2193, 8.6517 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(99, 53, 43) }
```


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

```
.border{ border-color:rgb(99, 53, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 53, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 53, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 53, 43);  
box-shadow:4px 4px 4px 4px rgb(99, 53, 43)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.1803, 12.2193, 8.6517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 53, 43) }
```

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

```
.background{ background-color: rgb(99, 53,  
43) }
```

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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