

Converting Colors

HunterLab(23.8375, 25.9006,
12.2374)

Have a look what the booklet for
HunterLab(23.8375, 25.9006,
12.2374) contains.

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Color

**HunterLab(23.9806, 25.8865,
12.3560)**

Conversions

Conversions Part 1

Format	Color
Hex	7B271D
RGB	123, 39, 29
RGB Percent	48%, 15%, 11%
CMY	0.5176, 0.8470, 0.8863
CMYK	0.00, 0.68, 0.76, 0.52
HSL	6°, 62%, 30%
HSV	6°, 76%, 48%
XYZ	9.1157, 5.7507, 1.7919
YIQ	62.9760, 53.2740, 14.6980

Conversions

Conversions Part 2

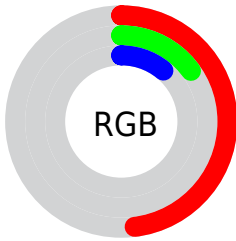
Format	Color
R_{YB}	123, 40, 29
Decimal	8070941
CIE Lab	28.78, 35.87, 26.33
CIE LCh	29, 44.496, 36.274
Yxy	5.7510, 0.5472, 0.3452
Android (android.graphics.Color)	4286261021 (0xFF7B271D)
YUV	62.9760, -16.7502, 52.6410
Hunter-Lab	23.9806, 25.8865, 12.3560

Details

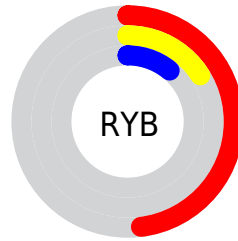
The HunterLab color **23.9806, 25.8865, 12.3560** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **36.7428, -15.7852, -7.8734**, and the grayscale version is **22.3308, -1.1915, 1.2133**.

A 20% lighter version of the original color is **41.7727, 28.7309, 17.2965**, and **10.9238, 18.7073, 7.0587** is the 20% darker color. If you saturate the color by 10%, you get **22.5425, 29.3038, 13.0409**, and if you desaturate by 10%, it is **25.7953, 22.0794, 11.3963**.

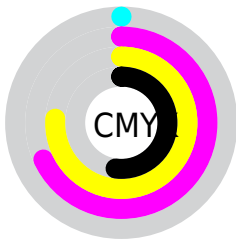
Distribution



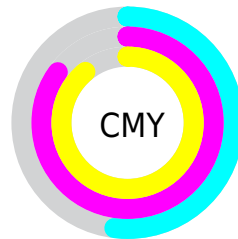
- Red (48%)
- Green (15%)
- Blue (11%)



- Red (48%)
- Yellow (16%)
- Blue (11%)



- Cyan (0%)
- Magenta (68%)
- Yellow (76%)
- Black (52%)



- Cyan (52%)
- Magenta (85%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.9806, 25.8865, 12.3560 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 23.9806, 25.8865, 12.3560 by changing the saturation by 10% instead.

■ 23.9806, 25.8865,
12.3560

■ 23.9806, 25.8865,
12.3560

■ 125.2360, 35.1524,
31.2995

■ 16.4143, 24.2836,
9.9632

■ 41.7281, 28.7148,
17.1834

■ 9.8706, 22.6524,
6.9094

■ 51.7549, 29.9381,
19.3896

0.0000, INF, NaN

0.0000, NaN, NaN

■ 62.4767, 31.0451,
21.5042

0.0000, NaN, NaN

■ 73.8510, 32.0458,
23.5494

0.0000, NaN, NaN

■ 85.8425, 32.9494,
25.5411

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.4207, 33.7638,

27.4909

0.0000, NaN, NaN

■ 111.5595, 34.4961,
29.4081

■ 23.9806, 25.8865,
12.3560

■ 23.9806, 25.8865,
12.3560

■ 22.5425, 29.3038,
13.0409

■ 25.7953, 22.0794,
11.3963

■ 21.4993, 32.0619,
13.4606

■ 27.9457, 18.1170,
10.2366

■ 21.2158, 32.8174,
13.6476

■ 30.3891, 14.1606,
8.9474

■ 33.0841, 10.3082,
7.5822

■ 35.9942, 6.6077,
6.1774

■ 39.0886, 3.0750,
4.7560

■ 42.3417, -0.2930,
3.3313

■ 45.7327, -3.5086,
1.9103

■ 49.2446, -6.5882,
0.4962

Harmonies

Analogous

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



23.9813, 33.5914, 4.0503



23.9806, 25.8865, 12.3560



23.9813, 11.1249, 15.2523

Triad

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



23.9813, 25.8843, 12.3564



23.9813, -21.9882, 9.7717



23.9813, 1.8724, -43.4603

Complementary

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



23.9806, 25.8865, 12.3560



36.7428, -15.7852, -7.8734

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.



23.9813, -11.5859, -38.4072



23.9806, 25.8865, 12.3560



23.9813, -23.3324, -1.8081

Square

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



23.9813, 25.8843, 12.3564



23.9813, -15.7624, 14.4119



23.9813, -20.0124, -20.5474



23.9813, 17.7427, -31.8579

Rectangle

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



23.9806, 25.8865, 12.3560



23.9813, 0.5756, 15.8861



23.9813, -20.0124, -20.5474



23.9813, -3.0825, -43.7172

Sweetspot

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



23.9813, 25.8843, 12.3564



49.3267, 7.4687, 7.7244



25.0908, 38.7734, -21.1969



23.3373, 4.3372, 4.0297



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



23.9813, 25.8843, 12.3564



29.0308, 42.2154, 17.8602



32.9542, 5.5429, 18.3119



20.1927, 0.2830, 1.8053



21.5680, 33.4139, 13.8750



46.4300, 75.2069, 29.9266

Inverse Universe

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



36.7428, -15.7852, -7.8734



47.8240, -21.4387, -12.5084



23.7870, 3.8875, -31.9817



21.0786, -2.4013, 0.4487



36.0428, -16.2535, -9.9638



78.2442, -34.8965, -22.4668

Previews

White Background



This preview shows how the HunterLab color 23.9806, 25.8865, 12.3560 looks on a white background.

Color Contrast Check

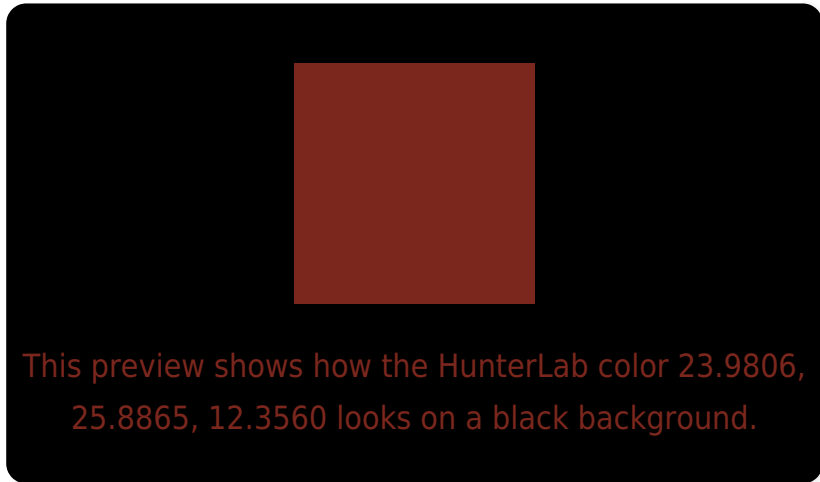
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9806, 25.8865, 12.3560 Background



This preview shows how black text looks on a background with the HunterLab color 23.9806, 25.8865, 12.3560.

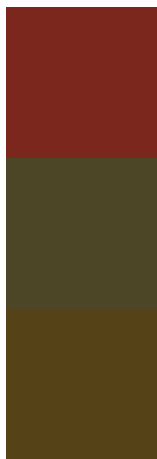


This preview shows how white text looks on a background with the HunterLab color 23.9806, 25.8865,

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

23.9806, 25.8865, 12.3560

Protanopia

24.3571, -2.6228, 10.4992

Deuteranopia

24.3654, 0.8813, 13.0568



Tritanopia

23.9659, 26.7882, 10.4881

Trichromacy



Original Color

23.9806, 25.8865, 12.3560

Protanomaly

23.3979, 7.3494, 10.5170

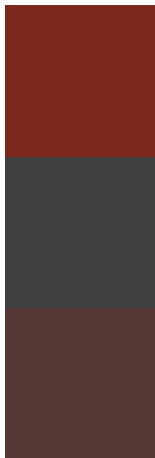
Deuteranomaly

23.5609, 9.7951, 12.3752

Tritanomaly

23.9134, 26.5619, 11.2579

Monochromacy



Original Color

23.9806, 25.8865, 12.3560

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

21.9286, 7.7222, 5.1794

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.9806, 25.8865, 12.3560 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(123, 39, 29)` looks like.

```
.text, #text, p{  
    color:rgb(123, 39, 29)  
}
```

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(123, 39, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 39, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 23.9806, 25.8865, 12.3560 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(123, 39, 29) }
```


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

```
.border{ border-color:rgb(123, 39, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 39, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 39, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 39, 29);  
box-shadow:4px 4px 4px 4px rgb(123, 39,  
29) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.9806, 25.8865, 12.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 39, 29) }
```

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

```
.background{ background-color: rgb(123, 39,  
29) }
```

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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