

Converting Colors

HunterLab(23.8362, 36.6502,
13.1971)

Have a look what the booklet for
HunterLab(23.8362, 36.6502,
13.1971) contains.

HunterLab(23.8769, 36.8511, 13.2122)	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(23.8769, 36.8511,
13.2122)**

Conversions

Conversions Part 1

Format	Color
Hex	881118
RGB	136, 17, 24
RGB Percent	53%, 7%, 9%
CMY	0.4667, 0.9333, 0.9059
CMYK	0.00, 0.87, 0.82, 0.47
HSL	356°, 78%, 30%
HSV	356°, 87%, 53%
XYZ	10.5186, 5.7011, 1.4102
YIQ	53.3790, 68.6770, 27.4050

Conversions

Conversions Part 2

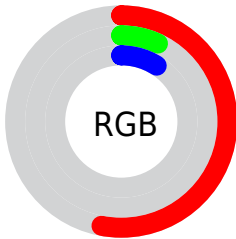
Format	Color
R_{YB}	136, 17, 24
Decimal	8917272
CIE _{Lab}	28.65, 47.61, 30.01
CIE _{LCh}	29, 56.282, 32.220
Yxy	5.7014, 0.5966, 0.3234
Android (android.graphics.Color)	4287107352 (0xFF881118)
YUV	53.3790, -14.4838, 72.4586
Hunter-Lab	23.8769, 36.8511, 13.2122

Details

The HunterLab color **23.8769, 36.8511, 13.2122** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **43.9463, -24.1081, -1.3684**, and the grayscale version is **19.0296, -1.0154, 1.0339**.

A 20% lighter version of the original color is **41.6197, 40.3598, 18.5617**, and **12.5610, 21.5111, 8.1166** is the 20% darker color. If you saturate the color by 10%, you get **23.0931, 38.8298, 14.0812**, and if you desaturate by 10%, it is **25.1523, 33.7925, 12.0030**.

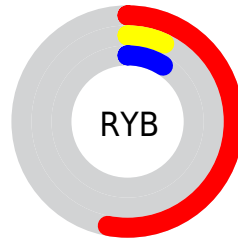
Distribution



Red (53%)

Green (7%)

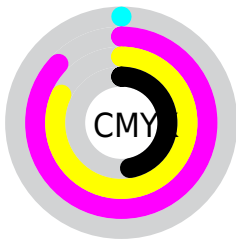
Blue (9%)



Red (53%)

Yellow (7%)

Blue (9%)

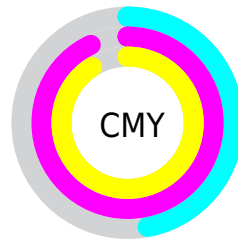


Cyan (0%)

Magenta (87%)

Yellow (82%)

Black (47%)



Cyan (47%)

Magenta (93%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.8769, 36.8511, 13.2122 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 23.8769, 36.8511, 13.2122 by changing the saturation by 10% instead.

■ 23.8769, 36.8511,
13.2122

■ 23.8769, 36.8511,
13.2122

■ 125.0561, 49.9420,
34.2414

■ 16.3229, 34.9607,
10.8824

■ 41.6034, 40.4967,
18.6410

■ 9.7936, 33.3283,
6.8555

■ 51.6209, 42.1622,
21.1073

0.0000, INF, NaN

0.0000, NaN, NaN

■ 62.3340, 43.7132,
23.4613

0.0000, NaN, NaN

■ 73.7002, 45.1540,
25.7285

0.0000, NaN, NaN

■ 85.6838, 46.4906,
27.9277

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.2547, 47.7300,

■ 111.3864, 48.8785,
32.1745

■ 23.8769, 36.8511,
13.2122

■ 23.8769, 36.8511,
13.2122

■ 23.0931, 38.8298,
14.0812

■ 25.1523, 33.7925,
12.0030

■ 22.9166, 39.3217,
14.2161

■ 26.9783, 29.7308,
10.6110

■ 29.3149, 25.0402,
9.1667

■ 32.1000, 20.0620,
7.7679

■ 35.2672, 15.0349,
6.4710

■ 38.7561, 10.0964,
5.2985

■ 42.5151, 5.3108,
4.2522

■ 46.5025, 0.6975,
3.3230

■ 50.6845, -3.7479,
2.4978

Harmonies

Analogous

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



23.8776, 45.6320, 2.5728



23.8769, 36.8511, 13.2122



23.8776, 17.6513, 16.7144

Triad

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



23.8776, 36.8483, 13.2126



23.8776, -25.2870, 12.2983



23.8776, 0.1172, -63.1822

Complementary

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



23.8769, 36.8511, 13.2122



43.9463, -24.1081, -1.3684

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.



23.8776, -15.6858, -52.1387



23.8769, 36.8511, 13.2122



23.8776, -27.4237, -0.0475

Square

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



23.8776, 36.8483, 13.2126



23.8776, -17.4246, 16.4061



23.8776, -24.5188, -24.6684



23.8776, 20.7841, -48.6470

Rectangle

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



23.8769, 36.8511, 13.2122



23.8776, 3.7291, 16.7144



23.8776, -24.5188, -24.6684



23.8776, -5.8988, -62.3291

Sweetspot

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



23.8776, 36.8483, 13.2126



51.8980, 12.8049, 6.8982



26.0254, 47.4365, -36.1964



24.2847, 7.0935, 3.5327



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



23.8776, 36.8483, 13.2126



30.4088, 52.1504, 19.0722



30.7874, 17.7628, 18.2598



22.4790, 0.7150, 1.7028



22.2960, 38.2591, 13.8138



1.8321, 3.1734, 0.9062

Inverse Universe

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



23.8776, 36.8483, 13.2126



30.4088, 52.1504, 19.0722



28.8197, -1.6299, -30.1887



22.4790, 0.7150, 1.7028



22.2960, 38.2591, 13.8138



1.8321, 3.1734, 0.9062

Previews

White Background



This preview shows how the HunterLab color 23.8769, 36.8511, 13.2122 looks on a white background.

Color Contrast Check

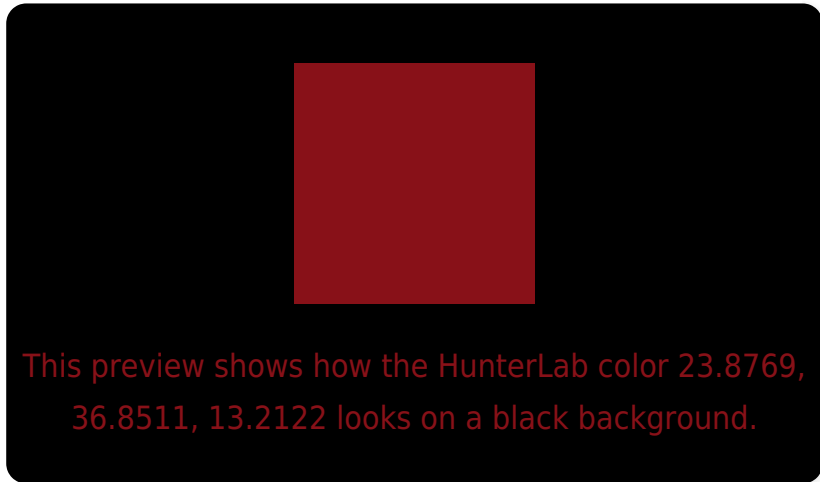
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.8769, 36.8511, 13.2122 Background



This preview shows how black text looks on a background with the HunterLab color 23.8769, 36.8511, 13.2122.



This preview shows how white text looks on a background with the HunterLab color 23.8769, 36.8511,

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

23.8769, 36.8511, 13.2122

Protanopia

24.6813, -2.8030, 10.9549

Deuteranopia

24.4902, 1.1589, 14.2689



Tritanopia

23.8836, 36.4028, 14.1373

Trichromacy



Original Color

23.8769, 36.8511, 13.2122

Protanomaly

22.5136, 11.9905, 10.4840

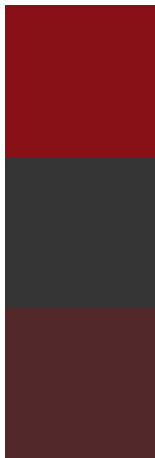
Deuteranomaly

22.7037, 15.1164, 12.9744

Tritanomaly

23.9037, 36.4812, 13.8399

Monochromacy



Original Color

23.8769, 36.8511, 13.2122

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

18.7717, 12.2603, 4.8630

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.8769, 36.8511, 13.2122 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(136, 17, 24)` looks like.

```
.text, #text, p{  
    color:rgb(136, 17, 24)  
}
```

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(136, 17, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 17, 24) }
```

Border

The CSS property to change the border of an element to HunterLab 23.8769, 36.8511, 13.2122 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(136, 17, 24) }
```


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

```
.border{ border-color:rgb(136, 17, 24) }
```

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

Here you see how a box with a 4 pixel rgb(136, 17, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 17, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 17, 24);  
box-shadow:4px 4px 4px 4px rgb(136, 17,  
24) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.8769, 36.8511, 13.2122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 17, 24) }
```

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

```
.background{ background-color: rgb(136, 17,  
24) }
```

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