

Converting Colors

HunterLab(23.0908, 37.5124,
8.1669)

Have a look what the booklet for
HunterLab(23.0908, 37.5124,
8.1669) contains.

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Color

**HunterLab(23.1641, 37.6034,
8.3160)**

Conversions

Conversions Part 1

Format	Color
Hex	840C2E
RGB	132, 12, 46
RGB Percent	52%, 5%, 18%
CMY	0.4824, 0.9529, 0.8196
CMYK	0.00, 0.91, 0.65, 0.48
HSL	343°, 83%, 28%
HSV	343°, 91%, 52%
XYZ	10.1404, 5.3658, 3.0860
YIQ	51.7560, 60.6060, 36.0140

Conversions

Conversions Part 2

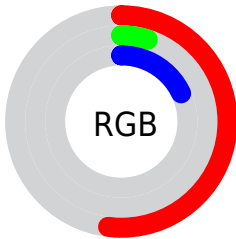
Format	Color
RYB	132, 12, 46
Decimal	8653870
CIELab	27.75, 48.55, 14.46
CIELCh	28, 50.658, 16.583
Yxy	5.3661, 0.5454, 0.2886
Android (android.graphics.Color)	4286843950 (0xFF840C2E)
YUV	51.7560, -2.8377, 70.3740
Hunter-Lab	23.1641, 37.6034, 8.3160

Details

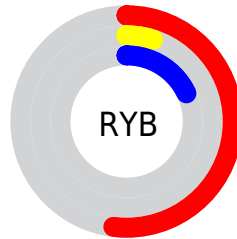
The HunterLab color **23.1641, 37.6034, 8.3160** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **41.7886, -27.8165, 8.8633**, and the grayscale version is **18.4464, -0.9843, 1.0022**.

A 20% lighter version of the original color is **40.7392, 41.5605, 11.4264**, and **12.3956, 21.2278, 8.0097** is the 20% darker color. If you saturate the color by 10%, you get **22.4534, 39.0579, 9.8128**, and if you desaturate by 10%, it is **24.2699, 35.2578, 6.6001**.

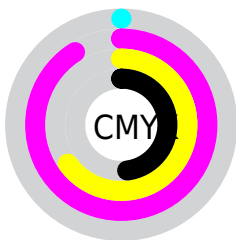
Distribution



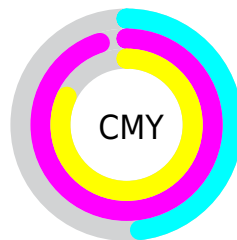
- Red (52%)
- Green (5%)
- Blue (18%)



- Red (52%)
- Yellow (5%)
- Blue (18%)



- Cyan (0%)
- Magenta (91%)
- Yellow (65%)
- Black (48%)



- Cyan (48%)
- Magenta (95%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.1641, 37.6034, 8.3160 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 23.1641, 37.6034, 8.3160 by changing the saturation by 10% instead.

■ 23.1641, 37.6034,
8.3160

■ 23.1641, 37.6034,
8.3160

■ 123.8140, 51.0521,
20.8501

■ 15.6959, 35.7079,
6.6856

■ 40.7443, 41.3182,
11.2915

■ 9.2646, 34.1622,
6.4852

■ 50.6973, 43.0258,
12.7018

0.0000, INF, NaN

0.0000, NaN, NaN

■ 61.3501, 44.6197,
14.0842

0.0000, NaN, NaN

■ 72.6595, 46.1029,
15.4491

0.0000, NaN, NaN

■ 84.5893, 47.4814,
16.8036


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 97.1088, 48.7616,


18.1529


0.0000, NaN, NaN


 110.1915, 49.9498,
19.5008


 23.1641, 37.6034,
8.3160


 23.1641, 37.6034,
8.3160


 22.4534, 39.0579,
9.8128

 24.2699, 35.2578,
6.6001

 25.8828, 31.7667,
5.0760

 27.9765, 27.4495,
3.8456

 30.5001, 22.6455,
2.9476

 33.3948, 17.6231,
2.3737

■ 36.6047, 12.5585,
2.0903

■ 40.0809, 7.5506,
2.0553

■ 43.7827, 2.6463,
2.2277

■ 47.6772, -2.1392,
2.5716

Harmonies

Analogous

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



23.1648, 38.3188, -6.8758



23.1641, 37.6034, 8.3160



23.1648, 24.7961, 14.2373

Triad

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



23.1648, 37.6008, 8.3165



23.1648, -20.0451, 13.8833



23.1648, -8.1376, -51.3540

Complementary

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



23.1641, 37.6034, 8.3160



41.7886, -27.8165, 8.8633

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.



23.1648, -19.2332, -33.0323



23.1641, 37.6034, 8.3160



23.1648, -24.6953, 7.2190

Square

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



23.1648, 37.6008, 8.3165



23.1648, -9.6007, 16.2154



23.1648, -24.4469, -9.0904



23.1648, 8.5120, -50.1837

Rectangle

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



23.1641, 37.6034, 8.3160



23.1648, 12.7409, 15.9712



23.1648, -24.4469, -9.0904



23.1648, -12.5281, -46.9201

Sweetspot

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



23.1648, 37.6008, 8.3165



50.0664, 14.4652, 2.7253



21.2747, 41.0833, -47.0082



23.5335, 7.9044, 1.3346



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



23.1648, 37.6008, 8.3165



29.7620, 51.6962, 13.5885



25.1377, 28.9749, 15.1755



21.6998, 0.8746, 1.1114



22.0960, 38.4399, 9.6280



1.3431, 2.4179, -0.0457

Inverse Universe

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



23.1648, 37.6008, 8.3165



29.7620, 51.6962, 13.5885



34.7173, -12.0597, -16.0992



21.6998, 0.8746, 1.1114



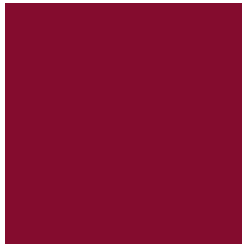
22.0960, 38.4399, 9.6280



1.3431, 2.4179, -0.0457

Previews

White Background



This preview shows how the HunterLab color 23.1641, 37.6034, 8.3160 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

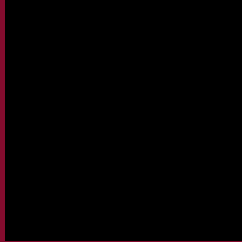
Any Text WCAG AA × Fail

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 23.1641, 37.6034, 8.3160 Background



This preview shows how black text looks on a background with the HunterLab color 23.1641, 37.6034, 8.3160.



This preview shows how white text looks on a background with the HunterLab color 23.1641, 37.6034,

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

23.1641, 37.6034, 8.3160

Protanopia

24.0929, -1.1587, 1.7579

Deuteranopia

24.0266, 1.3445, 9.8748



Tritanopia

23.2640, 34.1324, 13.2460

Trichromacy



Original Color

23.1641, 37.6034, 8.3160

Protanomaly

21.6910, 13.5558, 2.2933

Deuteranomaly

22.1085, 15.9032, 8.0272

Tritanomaly

23.1227, 35.1737, 11.8834

Monochromacy



Original Color

23.1641, 37.6034, 8.3160

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.1735, 13.6785, 1.5931

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.1641, 37.6034, 8.3160 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(132, 12, 46)` looks like.

```
.text, #text, p{  
    color:rgb(132, 12, 46)  
}
```

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(132, 12, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 12, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 23.1641, 37.6034, 8.3160 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(132, 12, 46) }
```


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

```
.border{ border-color:rgb(132, 12, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 12, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 12, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 12, 46);  
box-shadow:4px 4px 4px 4px rgb(132, 12,  
46) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.1641, 37.6034, 8.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 12, 46) }
```

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

```
.background{ background-color: rgb(132, 12,  
46) }
```

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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