

Converting Colors

HunterLab(23.8056, -0.3432,
7.9583)

Have a look what the booklet for
HunterLab(23.8056, -0.3432, 7.9583)
contains.

HunterLab(23.8316, -0.3461, 7.9882) 3
 Conversions 4
 Details 6
 Harmonies 12
 Previews 24
 Color Blindness Simulation 28
 CSS Examples 31

Color

**HunterLab(23.8316, -0.3461,
7.9882)**

Conversions

Conversions Part 1	
Format	Color
Hex	4D422F
RGB	77, 66, 47
RGB Percent	30%, 26%, 18%
CMY	0.6980, 0.7412, 0.8157
CMYK	0.00, 0.14, 0.39, 0.70
HSL	38°, 24%, 24%
HSV	38°, 39%, 30%
XYZ	5.5219, 5.6795, 3.4945
YIQ	67.1230, 12.6550, -3.5770

Conversions

Conversions Part 2

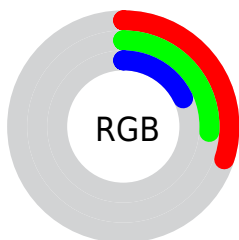
Format	Color
RYB	64, 77, 47
Decimal	5063215
CIELab	28.59, 1.46, 13.32
CIELCh	29, 13.399, 83.761
Yxy	5.6797, 0.3757, 0.3865
Android (android.graphics.Color)	4283253295 (0xFF4D422F)
YUV	67.1230, -9.9206, 8.6621
Hunter-Lab	23.8316, -0.3461, 7.9882

Details

The HunterLab color $23.8316, -0.3461, 7.9882$ is a dark color, and the websafe version is hex 333333 . A complement of this color would be $20.4111, -0.5211, -7.8270$, and the grayscale version is $23.7656, -1.2681, 1.2912$.

A 20% lighter version of the original color is $41.6377, -1.0783, 10.8917$, and $9.6754, 0.2920, 5.9670$ is the 20% darker color. If you saturate the color by 10%, you get $23.0243, 0.1706, 9.1801$, and if you desaturate by 10%, it is $24.6688, -0.7655, 6.5905$.

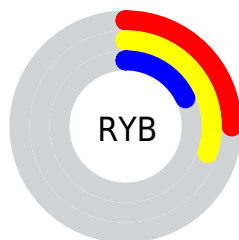
Distribution



Red (30%)

Green (26%)

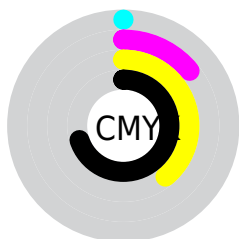
Blue (18%)



Red (25%)

Yellow (30%)

Blue (18%)

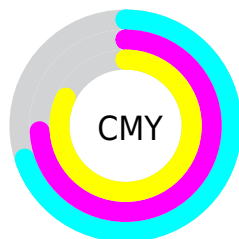


Cyan (0%)

Magenta (14%)

Yellow (39%)

Black (70%)



Cyan (70%)

Magenta (74%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.8316, -0.3461, 7.9882 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 23.8316, -0.3461, 7.9882 by changing the saturation by 10% instead.

■ 23.8316, -0.3461,
7.9882

■ 23.8316, -0.3461,
7.9882

124.9770, -5.0746,
19.9138

■ 16.2829, -0.0524,
6.4735

■ 41.5486, -1.1073,
10.7808

■ 9.7598, 0.1706,
6.1990

■ 51.5621, -1.5600,
12.1151

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.2714, -2.0552,
13.4285

0.0000, NaN, NaN

■ 73.6339, -2.5896,
14.7298

0.0000, NaN, NaN

■ 85.6142, -3.1607,
16.0251

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.1817, -3.7664,

17.3188

0.0000, NaN, NaN

111.3104, -4.4049,
18.6142

■ 23.8316, -0.3461,
7.9882

■ 23.8316, -0.3461,
7.9882

■ 23.0243, 0.1706,
9.1801

■ 24.6688, -0.7655,
6.5905

■ 22.2466, 0.7897,
10.1556

■ 25.5330, -1.0886,
4.9971

■ 21.5003, 1.5117,
10.9068

■ 26.4233, -1.3202,
3.2197

■ 20.7865, 2.3361,
11.4287

■ 27.3385, -1.4647,
1.2697

■ 20.1057, 3.2583,
11.7263

■ 28.2773, -1.5265,
-0.8419

■ 19.4464, 4.2090,
11.9864

■ 29.2385, -1.5103,
-3.1042

■ 19.3787, 4.3075,
12.0165

■ 30.2210, -1.4205,
-5.5073

■ 31.2237, -1.2615,
-8.0416

■ 32.2457, -1.0376,
-10.6982

Harmonies

Analogous

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



23.8322, 3.9350, 6.9162



23.8316, -0.3461, 7.9882



23.8322, -4.5854, 7.5477

Triad

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



23.8322, -0.3469, 7.9885



23.8322, -8.5292, -2.1770



23.8322, 5.9384, -3.9650

Complementary

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



23.8316, -0.3461, 7.9882



20.4111, -0.5211, -7.8270

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.



23.8322, 2.2310, -7.3020



23.8316, -0.3461, 7.9882



23.8322, -6.0687, -6.1458

Square

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



23.8322, -0.3469, 7.9885



23.8322, -9.1101, 2.1550



23.8322, -2.1849, -8.1649



23.8322, 7.7295, 0.4064

Rectangle

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



23.8316, -0.3461, 7.9882



23.8322, -6.8443, 6.4065



23.8322, -2.1849, -8.1649



23.8322, 4.8626, -5.2746

Sweetspot

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



23.8322, -0.3469, 7.9885



34.0185, -1.6284, 5.0250



19.7898, 9.0314, 0.3594



17.4067, -0.8267, 2.6419



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



23.8322, -0.3469, 7.9885



30.0242, 0.2026, 11.9223



26.3239, -5.9602, 10.0590



13.5959, -0.6816, 1.6251



25.6132, 6.3806, 15.8944



60.9120, 18.3998, 37.8558

Inverse Universe

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



20.4111, -0.5211, -7.8270



24.5343, 0.0418, -13.6813



18.0907, 5.0599, -11.7752



13.1918, -0.7139, -0.2208



15.1891, 9.5228, -39.5419



34.7086, 28.7125, -105.3648

Previews

White Background



This preview shows how the HunterLab color 23.8316, -0.3461, 7.9882 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



This preview shows how the HunterLab color 23.8316, -0.3461, 7.9882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

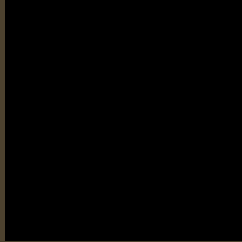
Any Text WCAG AA × Fail

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 23.8316, -0.3461, 7.9882 Background



This preview shows how black text looks on a background with the HunterLab color 23.8316, -0.3461, 7.9882.

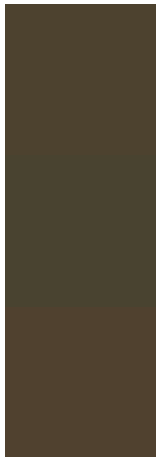


This preview shows how white text looks on a background with the HunterLab color 23.8316, -0.3461, 7.9882.

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

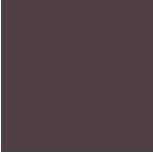
23.8316, -0.3461, 7.9882

Protanopia

23.7575, -1.8423, 7.6284

Deuteranopia

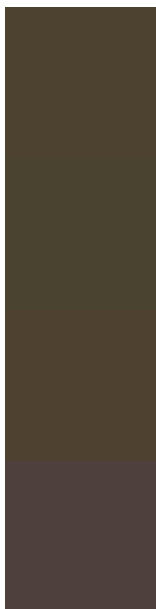
23.8565, 0.9872, 8.0338



Tritanopia

23.7374, 3.9193, 1.0357

Trichromacy



Original Color

23.8316, -0.3461, 7.9882

Protanomaly

23.8402, -1.5530, 7.7087

Deuteranomaly

23.7657, 0.6796, 7.9470

Tritanomaly

23.6912, 2.1715, 3.9378

Monochromacy



Original Color

23.8316, -0.3461, 7.9882

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

23.8331, -1.1045, 4.0316

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.8316, -0.3461, 7.9882 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(77, 66, 47)` looks like.

```
.text, #text, p{  
    color:rgb(77, 66, 47)  
}
```

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(77, 66, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 66, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 23.8316, -0.3461, 7.9882 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(77, 66, 47) }
```


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

```
.border{ border-color:rgb(77, 66, 47) }
```

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

Here you see how a box with a 4 pixel rgb(77, 66, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 66, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 66, 47);  
box-shadow:4px 4px 4px 4px rgb(77, 66, 47)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.8316, -0.3461, 7.9882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 66, 47) }
```

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

```
.background{ background-color: rgb(77, 66,  
47) }
```

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