

Converting Colors

HunterLab(18.0142, 65.5122,
-12.0225)

Have a look what the booklet for
HunterLab(18.0142, 65.5122,
-12.0225) contains.

HunterLab(23.3881, 42.4665, -3.5970)	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(23.3881, 42.4665,
-3.5970)**

Conversions

Conversions Part 1

Format	Color
Hex	84004F
RGB	132, 0, 79
RGB Percent	52%, 0%, 31%
CMY	0.4824, 0.9999, 0.6902
CMYK	0.00, 1.00, 0.40, 0.48
HSL	324°, 100%, 26%
HSV	324°, 100%, 52%
XYZ	10.9270, 5.4700, 7.8770
YIQ	48.4740, 53.3130, 52.5530

Conversions

Conversions Part 2

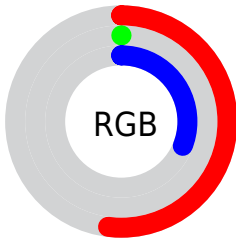
Format	Color
R_{YB}	132, 0, 79
Decimal	8650831
CIE _{Lab}	28.03, 53.32, -7.41
CIE _{LCh}	28, 53.831, 352.084
Yxy	5.4703, 0.4501, 0.2254
Android (android.graphics.Color)	4286840911 (0xFF84004F)
YUV	48.4740, 15.0493, 73.2523
Hunter-Lab	23.3881, 42.4665, -3.5970

Details

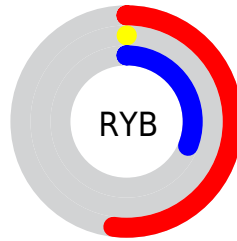
The HunterLab color **23.3881, 42.4665, -3.5970** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **40.9387, -32.8617, 19.7705**, and the grayscale version is **17.2914, -0.9226, 0.9395**.

A 20% lighter version of the original color is **40.9361, 46.4111, -3.5413**, and **13.0351, 23.2539, 1.2066** is the 20% darker color. If you saturate the color by 10%, you get **23.3879, 42.4658, -3.5946**, and if you desaturate by 10%, it is **24.1737, 40.9468, -5.1109**.

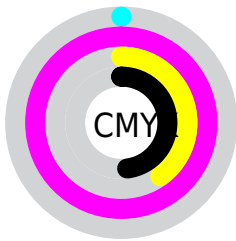
Distribution



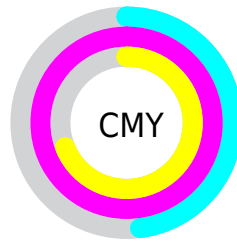
- Red (52%)
- Green (0%)
- Blue (31%)



- Red (52%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (40%)
- Black (48%)













- Cyan (48%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.3881, 42.4665, -3.5970 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 23.3881, 42.4665, -3.5970 by changing the saturation by 10% instead.

 23.3881, 42.4665, -3.5970	 23.3881, 42.4665, -3.5970
124.2051, 57.2577, -1.2065	 15.8927, 40.5294, -3.5357
 41.0145, 46.4261, -3.4677	 9.4314, 39.0977, -3.3740
 50.9879, 48.2847, -3.2996	0.0000, INF, -NF
 61.6598, 50.0358, -3.0722	0.0000, INF, NaN
 72.9871, 51.6786, -2.7911	0.0000, NaN, NaN
 84.9339, 53.2168, -2.4606	0.0000, NaN, NaN
 97.4696, 54.6557,	0.0000, NaN, NaN

-2.0844

0.0000, NaN, NaN

■ 110.5677, 56.0008,
-1.6655

■ 23.3881, 42.4665,
-3.5970

■ 23.3881, 42.4665,
-3.5970

■ 23.3879, 42.4658,
-3.5946

■ 24.1737, 40.9468,
-5.1109

■ 25.2868, 38.5002,
-6.2163

■ 26.8731, 34.8229,
-6.6660

■ 28.9117, 30.2245,
-6.4859

■ 31.3590, 25.0420,
-5.7635

■ 34.1640, 19.5545,
-4.6069

■ 37.2762, 13.9567,
-3.1175

■ 40.6505, 8.3671,
-1.3785

■ 44.2488, 2.8493,
0.5468

Harmonies

Analogous

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



23.3888, 31.7898, -28.3109



23.3881, 42.4665, -3.5970



23.3888, 38.9778, 10.4151

Triad

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



23.3888, 42.4641, -3.5962



23.3888, -12.6371, 16.3721



23.3888, -18.5905, -40.8792

Complementary

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



23.3881, 42.4665, -3.5970



40.9387, -32.8617, 19.7705

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.



23.3888, -25.0326, -14.3063



23.3881, 42.4665, -3.5970



23.3888, -22.3694, 13.6590

Square

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



23.3888, 42.4641, -3.5962



23.3888, 3.5846, 16.3721



23.3888, -26.1754, 5.2785



23.3888, -5.7198, -58.1068

Rectangle

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



23.3881, 42.4665, -3.5970



23.3888, 29.4519, 14.1997



23.3888, -26.1754, 5.2785



23.3888, -21.4021, -32.1011

Sweetspot

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



23.3888, 42.4641, -3.5962



49.1808, 19.0301, -4.2838



15.5498, 37.3376, -72.9998



22.9945, 10.4788, -2.4281



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.



23.3888, 42.4641, -3.5962



30.9923, 56.1862, -4.0884



22.2159, 38.1751, 13.3221



21.7532, 1.1617, 0.3510



23.0160, 41.7947, -3.5699



1.4071, 2.6474, -0.9331

Inverse Universe

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



23.3888, 42.4641, -3.5962



30.9923, 56.1862, -4.0884



42.2253, -24.9871, 1.1633



21.7532, 1.1617, 0.3510



23.0160, 41.7947, -3.5699



1.4071, 2.6474, -0.9331

Previews

White Background



This preview shows how the HunterLab color 23.3881, 42.4665, -3.5970 looks on a white background.

Color Contrast Check

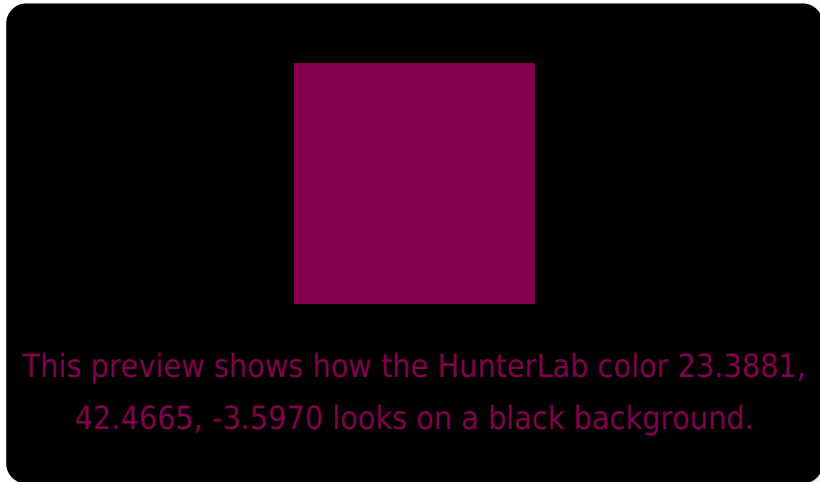
Large Text (above 18pt) WCAG AA ✓ Pass

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

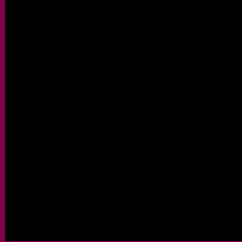
Any Text WCAG AA × Fail

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 23.3881, 42.4665, -3.5970 Background



This preview shows how black text looks on a background with the HunterLab color 23.3881, 42.4665, -3.5970.



This preview shows how white text looks on a background with the HunterLab color 23.3881, 42.4665, -3.5970.

-3.5970.

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

23.3881, 42.4665, -3.5970

Protanopia

24.6101, 3.8160, -22.4066

Deuteranopia

24.7207, 1.3001, 0.1377



Tritanopia

23.9820, 31.0030, 11.9420

Trichromacy



Original Color

23.3881, 42.4665, -3.5970

Protanomaly

21.0159, 19.3323, -21.4461

Deuteranomaly

21.7314, 19.1203, -4.4357

Tritanomaly

23.3835, 35.4945, 7.6626

Monochromacy



Original Color

23.3881, 42.4665, -3.5970

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.1989, 16.6457, -3.3746

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.3881, 42.4665, -3.5970 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, 0, 79)` looks like.

```
.text, #text, p{  
  color:rgb(132, 0, 79)  
}
```

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, 0, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 0, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 23.3881, 42.4665, -3.5970 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, 0, 79) }
```


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

```
.border{ border-color:rgb(132, 0, 79) }
```

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

Here you see how a box with a 4 pixel rgb(132, 0, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 0, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 0, 79);  
box-shadow:4px 4px 4px 4px rgb(132, 0, 79)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.3881, 42.4665, -3.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 0, 79) }
```

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

```
.background{ background-color: rgb(132, 0,  
79) }
```

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