

Converting Colors

HunterLab(23.5610, 42.3886,
-0.6381)

Have a look what the booklet for
HunterLab(23.5610, 42.3886,
-0.6381) contains.

HunterLab(23.5571, 42.3842, -0.6068)	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(23.5571, 42.3842,
-0.6068)**

Conversions

Conversions Part 1

Format	Color
Hex	860049
RGB	134, 0, 73
RGB Percent	53%, 0%, 29%
CMY	0.4745, 0.9999, 0.7137
CMYK	0.00, 1.00, 0.46, 0.47
HSL	327°, 100%, 26%
HSV	327°, 100%, 53%
XYZ	11.0341, 5.5494, 6.7929
YIQ	48.3880, 56.4310, 51.1110

Conversions

Conversions Part 2

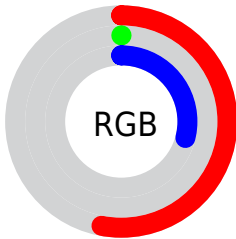
Format	Color
R_{YB}	134, 0, 73
Decimal	8781897
CIE _{Lab}	28.25, 53.20, -3.04
CIE _{LCh}	28, 53.283, 356.735
Yxy	5.5497, 0.4720, 0.2374
Android (android.graphics.Color)	4286971977 (0xFF860049)
YUV	48.3880, 12.1337, 75.0817
Hunter-Lab	23.5571, 42.3842, -0.6068

Details

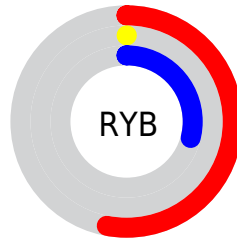
The HunterLab color **23.5571, 42.3842, -0.6068** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **41.6981, -32.8696, 18.8383**, and the grayscale version is **17.2716, -0.9216, 0.9384**.

A 20% lighter version of the original color is **41.1913, 46.5628, 0.1599**, and **13.0898, 23.1328, 2.9074** is the 20% darker color. If you saturate the color by 10%, you get **23.5569, 42.3835, -0.6041**, and if you desaturate by 10%, it is **24.3575, 40.8862, -2.3279**.

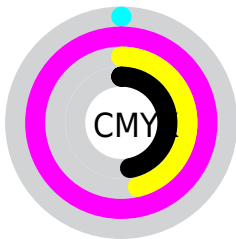
Distribution



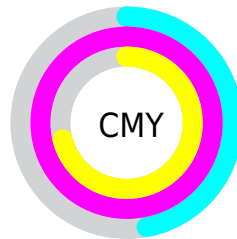
- Red (53%)
- Green (0%)
- Blue (29%)



- Red (53%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (46%)
- Black (47%)



- Cyan (47%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.5571, 42.3842, -0.6068 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 23.5571, 42.3842, -0.6068 by changing the saturation by 10% instead.

23.5571, 42.3842,
-0.6068

23.5571, 42.3842,
-0.6068

124.4998, 57.1248,
3.5735

16.0414, 40.4434,
-0.8073

41.2182, 46.3357,
-0.0041

9.5564, 38.9867,
-0.9234

51.2069, 48.1883,
0.3798

0.0000, INF, -NF

61.8931, 49.9332,
0.8116

0.0000, INF, NaN

73.2339, 51.5697,
1.2874

0.0000, NaN, NaN

85.1935, 53.1017,
1.8038

0.0000, NaN, NaN

97.7414, 54.5345,

0.0000, NaN, NaN

0.0000, NaN, NaN

2.3584

0.0000, NaN, NaN

110.8512, 55.8736,
2.9489

23.5571, 42.3842,
-0.6068

23.5571, 42.3842,
-0.6068

23.5569, 42.3835,
-0.6041

24.3575, 40.8862,
-2.3279

25.5006, 38.4402,
-3.6935

27.1312, 34.7528,
-4.4523

29.2260, 30.1423,
-4.6065

31.7393, 24.9521,
-4.2243

■ 34.6177, 19.4640,
-3.4005

■ 37.8087, 13.8722,
-2.2293

■ 41.2662, 8.2939,
-0.7904

■ 44.9508, 2.7906,
0.8534

Harmonies

Analogous

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



23.5578, 33.8037, -23.7486



23.5571, 42.3842, -0.6068



23.5578, 36.7451, 11.5852

Triad

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



23.5578, 42.3817, -0.6060



23.5578, -14.5132, 16.2944



23.5578, -16.9609, -43.9518

Complementary

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



23.5571, 42.3842, -0.6068



41.6981, -32.8696, 18.8383

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.



23.5578, -24.3319, -18.0289



23.5571, 42.3842, -0.6068



23.5578, -23.2342, 12.9202

Square

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



23.5578, 42.3817, -0.6060



23.5578, 0.6804, 16.4905



23.5578, -26.2413, 3.0262



23.5578, -3.1362, -57.8735

Rectangle

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



23.5571, 42.3842, -0.6068



23.5578, 26.3779, 14.7482



23.5578, -26.2413, 3.0262



23.5578, -20.1018, -35.7249

Sweetspot

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



23.5578, 42.3817, -0.6060



49.8900, 18.9126, -3.0757



16.4069, 38.5826, -70.7196



22.9458, 10.2367, -1.7408



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.



23.5578, 42.3817, -0.6060



31.2190, 56.0783, -0.0969



22.5463, 38.6728, 14.0629



21.7439, 1.1121, 0.4824



22.8094, 41.0473, -0.6526



1.3964, 2.6094, -0.7875

Inverse Universe

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



23.5578, 42.3817, -0.6060



31.2190, 56.0783, -0.0969



43.1166, -24.2196, -1.6076



21.7439, 1.1121, 0.4824



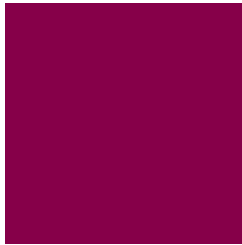
22.8094, 41.0473, -0.6526



1.3964, 2.6094, -0.7875

Previews

White Background



This preview shows how the HunterLab color 23.5571, 42.3842, -0.6068 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

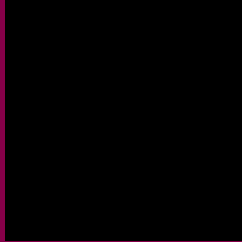
Any Text WCAG AA × Fail

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 23.5571, 42.3842, -0.6068 Background



This preview shows how black text looks on a background with the HunterLab color 23.5571, 42.3842, -0.6068.



This preview shows how white text looks on a background with the HunterLab color 23.5571, 42.3842, -0.6068.

-0.6068.

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

23.5571, 42.3842, -0.6068

Protanopia

24.8510, 2.6450, -16.5262

Deuteranopia

24.8177, 1.3213, 2.6296



Tritanopia

24.2342, 32.5490, 12.6590

Trichromacy



Original Color

23.5571, 42.3842, -0.6068

Protanomaly

21.3778, 18.6510, -15.2221

Deuteranomaly

21.8039, 18.9453, -1.5428

Tritanomaly

23.6825, 36.6623, 9.0196

Monochromacy



Original Color

23.5571, 42.3842, -0.6068

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.1396, 16.3811, -2.5423

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.5571, 42.3842, -0.6068 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(134, 0, 73)` looks like.

```
.text, #text, p{  
    color:rgb(134, 0, 73)  
}
```

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(134, 0, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 0, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 23.5571, 42.3842, -0.6068 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(134, 0, 73) }
```


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

```
.border{ border-color:rgb(134, 0, 73) }
```

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

Here you see how a box with a 4 pixel rgb(134, 0, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 0, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 0, 73);  
box-shadow:4px 4px 4px 4px rgb(134, 0, 73)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.5571, 42.3842, -0.6068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 0, 73) }
```

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

```
.background{ background-color: rgb(134, 0,  
73) }
```

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