

Converting Colors

HunterLab(23.4331, 30.0666,
1.4771)

Have a look what the booklet for
HunterLab(23.4331, 30.0666,
1.4771) contains.

HunterLab(23.4223, 29.9065, 1.5143)	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(23.4223, 29.9065,
1.5143)**

Conversions

Conversions Part 1

Format	Color
Hex	782143
RGB	120, 33, 67
RGB Percent	47%, 13%, 26%
CMY	0.5294, 0.8706, 0.7373
CMYK	0.00, 0.72, 0.44, 0.53
HSL	337°, 57%, 30%
HSV	337°, 72%, 47%
XYZ	9.3027, 5.4860, 5.8788
YIQ	62.8890, 40.9380, 29.0180

Conversions

Conversions Part 2

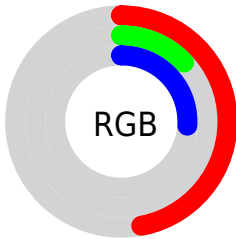
Format	Color
R_{YB}	120, 33, 67
Decimal	7872835
CIE Lab	28.08, 40.43, 0.40
CIE LCh	28, 40.437, 0.573
Yxy	5.4863, 0.4501, 0.2654
Android (android.graphics.Color)	4286062915 (0xFF782143)
YUV	62.8890, 2.0267, 50.0863
Hunter-Lab	23.4223, 29.9065, 1.5143

Details

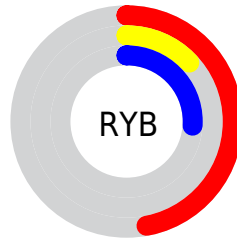
The HunterLab color **23.4223, 29.9065, 1.5143** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **37.9847, -24.0681, 9.2407**, and the grayscale version is **22.2405, -1.1867, 1.2084**.

A 20% lighter version of the original color is **41.1885, 33.0024, 2.6100**, and **11.2405, 19.8740, 2.4231** is the 20% darker color. If you saturate the color by 10%, you get **22.0286, 32.9311, 2.7598**, and if you desaturate by 10%, it is **25.2366, 26.0774, 0.6573**.

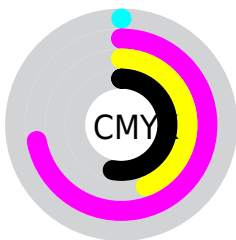
Distribution



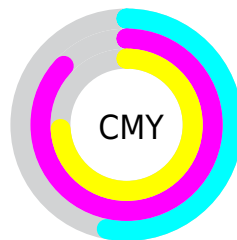
- Red (47%)
- Green (13%)
- Blue (26%)



- Red (47%)
- Yellow (13%)
- Blue (26%)



- Cyan (0%)
- Magenta (72%)
- Yellow (44%)
- Black (53%)



- Cyan (53%)
- Magenta (87%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.4223, 29.9065, 1.5143 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 23.4223, 29.9065, 1.5143 by changing the saturation by 10% instead.

■ 23.4223, 29.9065,
1.5143

■ 23.4223, 29.9065,
1.5143

■ 124.2647, 40.7833,
7.1841

■ 15.9228, 28.1640,
1.0774

■ 41.0557, 33.0964,
2.5246

■ 9.4566, 26.5026,
0.6921

■ 51.0322, 34.5082,
3.0896

0.0000, INF, NaN

■ 61.7070, 35.8020,
3.6911

0.0000, NaN, NaN

■ 73.0370, 36.9860,
4.3271

0.0000, NaN, NaN

■ 84.9864, 38.0688,
4.9959

0.0000, NaN, NaN

■ 97.5246, 39.0581,

0.0000, NaN, NaN

5.6958

0.0000, NaN, NaN

110.6251, 39.9608,
6.4256

23.4223, 29.9065,
1.5143

23.4223, 29.9065,
1.5143

22.0286, 32.9311,
2.7598

25.2366, 26.0774,
0.6573

21.0711, 34.8934,
4.3269

27.4287, 21.7488,
0.1895

20.4877, 36.0832,
5.5062

29.9502, 17.1663,
0.0752

32.7533, 12.5003,
0.2624

35.7955, 7.8526,
0.6979

■ 39.0411, 3.2758,
1.3345

■ 42.4607, -1.2085,
2.1336

■ 46.0306, -5.5964,
3.0646

■ 49.7316, -9.8931,
4.1034

Harmonies

Analogous

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



23.4229, 25.1990, -13.9547



23.4223, 29.9065, 1.5143



23.4229, 24.8434, 10.5291

Triad

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



23.4229, 29.9046, 1.5149



23.4229, -12.8102, 13.9903



23.4229, -12.4595, -30.9964

Complementary

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



23.4223, 29.9065, 1.5143



37.9847, -24.0681, 9.2407

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.



23.4229, -19.3387, -14.6244



23.4223, 29.9065, 1.5143



23.4229, -19.5074, 10.3040

Square

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



23.4229, 29.9046, 1.5149



23.4229, -1.5041, 14.9847



23.4229, -21.6068, 1.0325



23.4229, -0.9969, -37.9809

Rectangle

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



23.4223, 29.9065, 1.5143



23.4229, 17.1403, 13.3063



23.4229, -21.6068, 1.0325



23.4229, -15.2858, -26.0823

Sweetspot

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



23.4229, 29.9046, 1.5149



47.4540, 10.4409, 0.9224



20.9401, 28.9827, -36.9018



22.6726, 5.7171, 0.3776



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



23.4229, 29.9046, 1.5149



28.3085, 45.5697, 5.0016



23.9541, 23.9379, 11.6171



20.0962, 0.8682, 0.7953



21.3928, 37.6655, 5.8413



46.5551, 81.6476, 15.1945

Inverse Universe

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



23.4229, 29.9046, 1.5149



28.3085, 45.5697, 5.0016



36.2134, -15.3892, -7.0475



20.0962, 0.8682, 0.7953



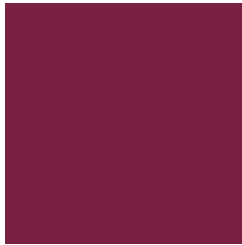
21.3928, 37.6655, 5.8413



46.5551, 81.6476, 15.1945

Previews

White Background



This preview shows how the HunterLab color 23.4223, 29.9065, 1.5143 looks on a white background.

Color Contrast Check

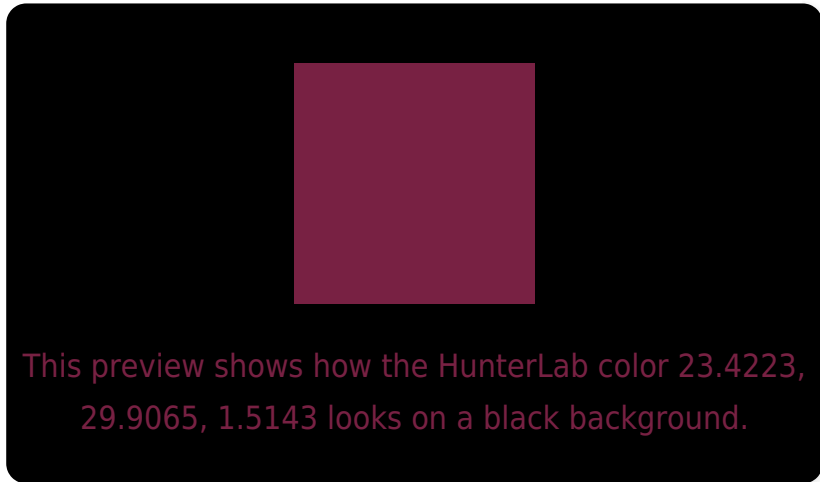
Large Text (above 18pt) WCAG AA ✓ Pass

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

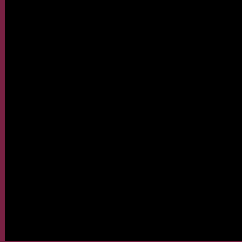
Any Text WCAG AA × Fail

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 23.4223, 29.9065, 1.5143 Background



This preview shows how black text looks on a background with the HunterLab color 23.4223, 29.9065, 1.5143.



This preview shows how white text looks on a background with the HunterLab color 23.4223, 29.9065,

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

23.4223, 29.9065, 1.5143

Protanopia

23.9302, 0.7443, -7.5815

Deuteranopia

23.8243, 1.5233, 3.0040



Tritanopia

23.3724, 24.7553, 9.5137

Trichromacy



Original Color

23.4223, 29.9065, 1.5143

Protanomaly

22.6949, 10.4754, -5.6594

Deuteranomaly

22.7853, 11.9254, 1.6274

Tritanomaly

23.3995, 26.5241, 7.2369

Monochromacy



Original Color

23.4223, 29.9065, 1.5143

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

21.7048, 9.7945, 0.2960

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.4223, 29.9065, 1.5143 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(120, 33, 67)` looks like.

```
.text, #text, p{  
    color:rgb(120, 33, 67)  
}
```

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(120, 33, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 33, 67) }
```

Border

The CSS property to change the border of an element to HunterLab 23.4223, 29.9065, 1.5143 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(120, 33, 67) }
```


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

```
.border{ border-color:rgb(120, 33, 67) }
```

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

Here you see how a box with a 4 pixel rgb(120, 33, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 33, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 33, 67);  
box-shadow:4px 4px 4px 4px rgb(120, 33,  
67) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.4223, 29.9065, 1.5143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 33, 67) }
```

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

```
.background{ background-color: rgb(120, 33,  
67) }
```

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