

Converting Colors

HunterLab(20.6291, 52.7670,
-0.3842)

Have a look what the booklet for
HunterLab(20.6291, 52.7670,
-0.3842) contains.

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Color

**HunterLab(23.4969, 41.8146,
2.9715)**

Conversions

Conversions Part 1

Format	Color
Hex	870040
RGB	135, 0, 64
RGB Percent	53%, 0%, 25%
CMY	0.4706, 0.9999, 0.7490
CMYK	0.00, 1.00, 0.53, 0.47
HSL	332°, 100%, 26%
HSV	332°, 100%, 53%
XYZ	10.9171, 5.5210, 5.3407
YIQ	47.6610, 59.9160, 48.5240

Conversions

Conversions Part 2

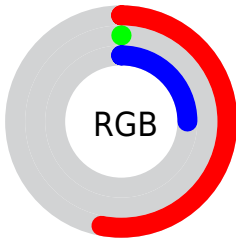
Format	Color
R_YB	135, 0, 64
Decimal	8847424
CIE Lab	28.17, 52.66, 2.95
CIE LCh	28, 52.738, 3.202
Yxy	5.5214, 0.5013, 0.2535
Android (android.graphics.Color)	4287037504 (0xFF870040)
YUV	47.6610, 8.0551, 76.5963
Hunter-Lab	23.4969, 41.8146, 2.9715

Details

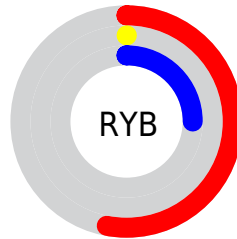
The HunterLab color **23.4969, 41.8146, 2.9715** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **42.1700, -32.3072, 17.0344**, and the grayscale version is **17.0422, -0.9093, 0.9259**.

A 20% lighter version of the original color is **41.0676, 45.7118, 4.3940**, and **13.1156, 22.9025, 5.0514** is the 20% darker color. If you saturate the color by 10%, you get **23.4967, 41.8138, 2.9742**, and if you desaturate by 10%, it is **24.3070, 40.3187, 1.1016**.

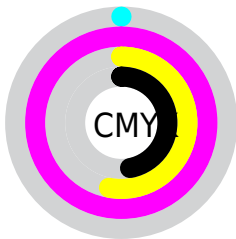
Distribution



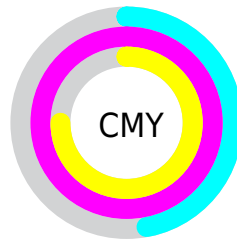
- Red (53%)
- Green (0%)
- Blue (25%)



- Red (53%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (53%)
- Black (47%)



- Cyan (47%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.4969, 41.8146, 2.9715 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 23.4969, 41.8146, 2.9715 by changing the saturation by 10% instead.

■ 23.4969, 41.8146,
2.9715

■ 23.4969, 41.8146,
2.9715

■ 124.3949, 56.4105,
9.8003

■ 15.9884, 39.8778,
2.3425

■ 41.1457, 45.7405,
4.3055

■ 9.5118, 38.4089,
1.8025

■ 51.1290, 47.5770,
5.0121

0.0000, INF, NaN

0.0000, INF, NaN

■ 61.8101, 49.3049,
5.7455

0.0000, NaN, NaN

■ 73.1461, 50.9242,
6.5055

0.0000, NaN, NaN

■ 85.1011, 52.4389,
7.2916

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.6447, 53.8543,

8.1031

0.0000, NaN, NaN

110.7503, 55.1763,
8.9395

23.4969, 41.8146,
2.9715

23.4969, 41.8146,
2.9715

23.4967, 41.8138,
2.9742

24.3070, 40.3187,
1.1016

25.4723, 37.8770,
-0.5062

27.1369, 34.2037,
-1.5947

29.2753, 29.6242,
-2.1359

31.8391, 24.4849,
-2.1701

■ 34.7725, 19.0660,
-1.7717

■ 38.0216, 13.5576,
-1.0217

■ 41.5391, 8.0723,
0.0071

■ 45.2849, 2.6678,
1.2551

Harmonies

Analogous

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



23.4976, 36.2286, -17.8259



23.4969, 41.8146, 2.9715



23.4976, 33.3854, 12.8191

Triad

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



23.4976, 41.8120, 2.9722



23.4976, -16.7832, 15.6645



23.4976, -14.4030, -47.8196

Complementary

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



23.4969, 41.8146, 2.9715



42.1700, -32.3072, 17.0344

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.



23.4976, -23.0462, -23.3486



23.4969, 41.8146, 2.9715



23.4976, -24.1165, 11.5126

Square

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



23.4976, 41.8120, 2.9722



23.4976, -3.0771, 16.4483



23.4976, -26.0268, -0.5503



23.4976, 0.6243, -56.9538

Rectangle

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



23.4969, 41.8146, 2.9715



23.4976, 22.0627, 15.3297



23.4976, -26.0268, -0.5503



23.4976, -17.9881, -40.5350

Sweetspot

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



23.4976, 41.8120, 2.9722



50.5719, 18.6469, -1.4487



17.4433, 39.8952, -66.4639



23.5517, 10.2773, -0.8929



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



23.4976, 41.8120, 2.9722



31.3928, 55.7703, 4.7100



22.8037, 38.4980, 14.7243



21.7319, 1.0472, 0.6542



22.5692, 40.1743, 2.7714



1.3822, 2.5587, -0.5925

Inverse Universe

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



23.4976, 41.8120, 2.9722



31.3928, 55.7703, 4.7100



42.9605, -22.3017, -5.5526



21.7319, 1.0472, 0.6542



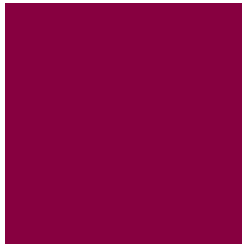
22.5692, 40.1743, 2.7714



1.3822, 2.5587, -0.5925

Previews

White Background



This preview shows how the HunterLab color 23.4969, 41.8146, 2.9715 looks on a white background.

Color Contrast Check

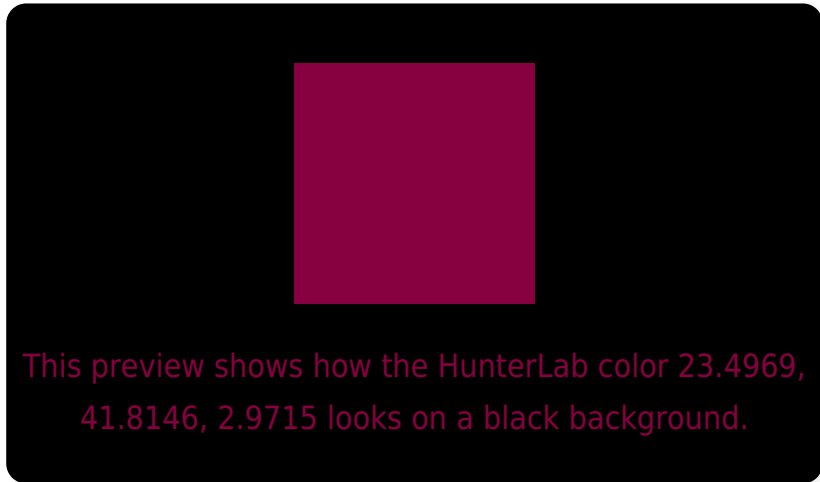
Large Text (above 18pt) WCAG AA ✓ Pass

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

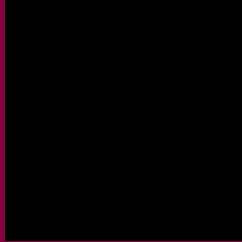
Any Text WCAG AA × Fail

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 23.4969, 41.8146, 2.9715 Background



This preview shows how black text looks on a background with the HunterLab color 23.4969, 41.8146, 2.9715.



This preview shows how white text looks on a background with the HunterLab color 23.4969, 41.8146,

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

23.4969, 41.8146, 2.9715

Protanopia

24.7721, 1.4558, -9.4962

Deuteranopia

24.6356, 1.5512, 5.5736



Tritanopia

23.9833, 33.9144, 13.0985

Trichromacy



Original Color

23.4969, 41.8146, 2.9715

Protanomaly

21.4108, 17.8893, -8.5988

Deuteranomaly

21.9561, 18.8624, 2.3154

Tritanomaly

23.6334, 37.0629, 10.3963

Monochromacy



Original Color

23.4969, 41.8146, 2.9715

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.1808, 16.3136, -1.1716

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.4969, 41.8146, 2.9715 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(135, 0, 64)` looks like.

```
.text, #text, p{  
    color:rgb(135, 0, 64)  
}
```

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(135, 0, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 0, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 23.4969, 41.8146, 2.9715 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(135, 0, 64) }
```


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

```
.border{ border-color:rgb(135, 0, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 0, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 0, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 0, 64);  
box-shadow:4px 4px 4px 4px rgb(135, 0, 64)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.4969, 41.8146, 2.9715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 0, 64) }
```

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

```
.background{ background-color: rgb(135, 0,  
64) }
```

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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