

Converting Colors

HunterLab(16.3730, 25.1234,
5.0149)

Have a look what the booklet for
HunterLab(16.3730, 25.1234,
5.0149) contains.

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Color

**HunterLab(16.3768, 24.9949,
5.0499)**

Conversions

Conversions Part 1

Format	Color
Hex	5D0B22
RGB	93, 11, 34
RGB Percent	36%, 4%, 13%
CMY	0.6353, 0.9568, 0.8667
CMYK	0.00, 0.88, 0.63, 0.64
HSL	343°, 79%, 20%
HSV	343°, 88%, 36%
XYZ	4.9226, 2.6820, 1.7716
YIQ	38.1400, 41.4890, 24.5370

Conversions

Conversions Part 2

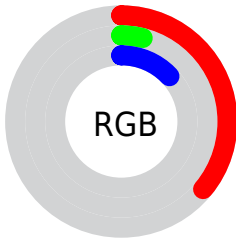
Format	Color
RYB	93, 11, 34
Decimal	6097698
CIELab	18.72, 36.71, 9.19
CIElCh	19, 37.840, 14.052
Yxy	2.6822, 0.5250, 0.2861
Android (android.graphics.Color)	4284287778 (0xFF5D0B22)
YUV	38.1400, -2.0410, 48.1122
Hunter-Lab	16.3768, 24.9949, 5.0499

Details

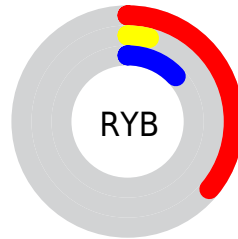
The HunterLab color **16.3768, 24.9949, 5.0499** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **28.8828, -18.6667, 5.5737**, and the grayscale version is **13.9652, -0.7451, 0.7588**.

A 20% lighter version of the original color is **32.4234, 28.1577, 7.2919**, and **7.3326, 12.5871, 4.5065** is the 20% darker color. If you saturate the color by 10%, you get **15.6358, 26.6828, 6.0987**, and if you desaturate by 10%, it is **17.3099, 22.9659, 3.9789**.

Distribution



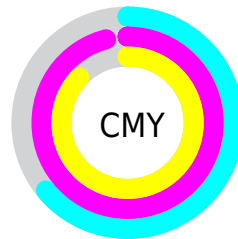
- Red (36%)
- Green (4%)
- Blue (13%)



- Red (36%)
- Yellow (4%)
- Blue (13%)



- Cyan (0%)
- Magenta (88%)
- Yellow (63%)
- Black (64%)



- Cyan (64%)
- Magenta (96%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.3768, 24.9949, 5.0499 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 16.3768, 24.9949, 5.0499 by changing the saturation by 10% instead.

■ 16.3768, 24.9949,
5.0499

■ 16.3768, 24.9949,
5.0499

■ 111.4894, 35.4972,
14.9054

■ 9.8394, 23.3496,
4.4221

■ 32.4019, 28.1356,
7.2987

0.0000, INF, NaN

0.0000, NaN, NaN

■ 41.6776, 29.5192,
8.3821

0.0000, NaN, NaN

■ 51.7006, 30.7769,
9.4577

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.4189, 31.9178,
10.5328

0.0000, NaN, NaN


■ 73.7900, 32.9518,
11.6124


0.0000, NaN, NaN


■ 85.7782, 33.8879,


0.0000, NaN, NaN


12.6996

 98.3535, 34.7340,
13.7968


 16.3768, 24.9949,
5.0499


 16.3768, 24.9949,
5.0499


 15.6358, 26.6828,
6.0987


 17.3099, 22.9659,
3.9789

 15.4987, 27.0254,
6.2669

 18.5588, 20.3201,
3.0696

 20.0977, 17.2689,
2.3628

 21.8917, 14.0016,
1.8662

 23.9053, 10.6549,
1.5662

■ 26.1057, 7.3138,
1.4392

■ 28.4650, 4.0239,
1.4596

■ 30.9603, 0.8055,
1.6033

■ 33.5726, -2.3365,
1.8497

Harmonies

Analogous

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



16.3773, 24.7138, -5.6289



16.3768, 24.9949, 5.0499



16.3773, 17.1907, 9.9529

Triad

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



16.3773, 24.9932, 5.0503



16.3773, -13.1031, 10.1770



16.3773, -6.2723, -32.4724

Complementary

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



16.3768, 24.9949, 5.0499



28.8828, -18.6667, 5.5737

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.



16.3773, -13.4357, -20.0714



16.3768, 24.9949, 5.0499



16.3773, -16.6114, 5.4986

Square

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



16.3773, 24.9932, 5.0503



16.3773, -5.6840, 11.4641



16.3773, -16.7145, -4.7614



16.3773, 4.5628, -32.9177

Rectangle

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



16.3768, 24.9949, 5.0499



16.3773, 9.4043, 11.4641



16.3773, -16.7145, -4.7614



16.3773, -9.1135, -29.3215

Sweetspot

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



16.3773, 24.9932, 5.0503



34.5637, 8.9699, 1.8756



15.2425, 27.2495, -30.4128



16.9714, 4.9778, 0.9458



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



16.3773, 24.9932, 5.0503



20.2376, 35.2171, 8.7392



17.9414, 18.4317, 10.3311



15.3538, 0.5049, 0.7931



18.4125, 32.0621, 7.7884



42.9298, 74.4487, 20.5301

Inverse Universe

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



16.3773, 24.9932, 5.0503



20.2376, 35.2171, 8.7392



24.3425, -8.5315, -10.3730



15.3538, 0.5049, 0.7931



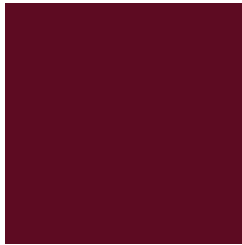
18.4125, 32.0621, 7.7884



42.9298, 74.4487, 20.5301

Previews

White Background



This preview shows how the HunterLab color 16.3768, 24.9949, 5.0499 looks on a white background.

Color Contrast Check

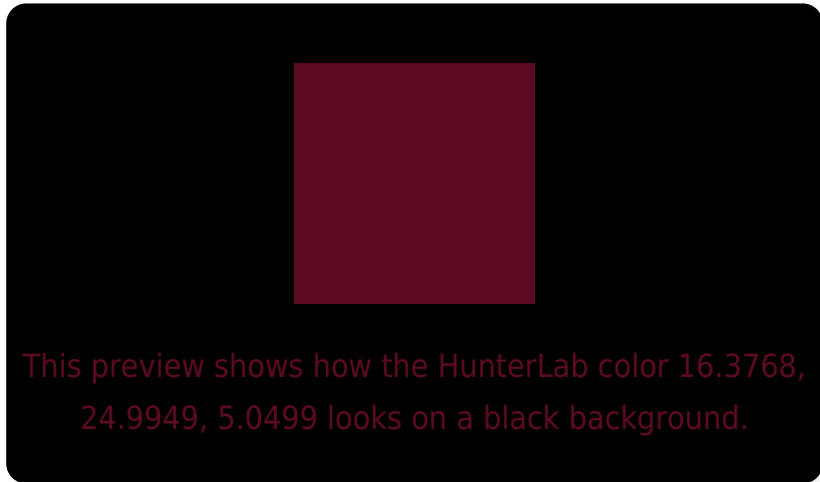
Large Text (above 18pt) WCAG AA ✓ Pass

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

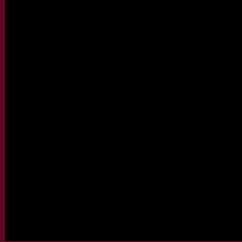
Any Text WCAG AA × Fail

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 16.3768, 24.9949, 5.0499 Background



This preview shows how black text looks on a background with the HunterLab color 16.3768, 24.9949, 5.0499.



This preview shows how white text looks on a background with the HunterLab color 16.3768, 24.9949,

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

16.3768, 24.9949, 5.0499

Protanopia

17.2876, -0.5376, 0.6776

Deuteranopia

17.1676, 0.6944, 6.3487



Tritanopia

16.4731, 22.1832, 8.7746

Trichromacy



Original Color

16.3768, 24.9949, 5.0499

Protanomaly

15.8358, 8.7591, 0.9897

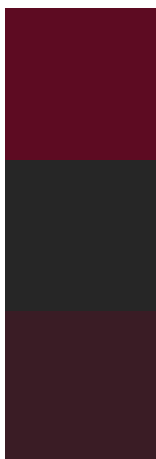
Deuteranomaly

15.8941, 10.2536, 5.1377

Tritanomaly

16.3671, 23.0424, 7.5523

Monochromacy



Original Color

16.3768, 24.9949, 5.0499

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

13.6514, 8.7217, 0.9630

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.3768, 24.9949, 5.0499 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(93, 11, 34)` looks like.

```
.text, #text, p{  
    color:rgb(93, 11, 34)  
}
```

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(93, 11, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 11, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 16.3768, 24.9949, 5.0499 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(93, 11, 34) }
```


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

```
.border{ border-color:rgb(93, 11, 34) }
```

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

Here you see how a box with a 4 pixel rgb(93, 11, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 11, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 11, 34);  
box-shadow:4px 4px 4px 4px rgb(93, 11, 34)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.3768, 24.9949, 5.0499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 11, 34) }
```

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

```
.background{ background-color: rgb(93, 11,  
34) }
```

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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