

Converting Colors

HunterLab(13.9688, 24.3883,
5.4120)

Have a look what the booklet for
HunterLab(13.9688, 24.3883,
5.4120) contains.

HunterLab(13.9670, 24.3910, 5.3651)	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(13.9670, 24.3910,
5.3651)**

Conversions

Conversions Part 1

Format	Color
Hex	540018
RGB	84, 0, 24
RGB Percent	33%, 0%, 9%
CMY	0.6706, 1.0000, 0.9059
CMYK	0.00, 1.00, 0.71, 0.67
HSL	343°, 100%, 16%
HSV	343°, 100%, 33%
XYZ	3.8210, 1.9508, 1.0393
YIQ	27.8520, 42.3600, 25.2720

Conversions

Conversions Part 2

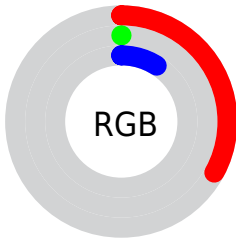
Format	Color
R_{YB}	84, 0, 24
Decimal	5505048
CIE _{Lab}	15.23, 36.68, 11.41
CIE _{LCh}	15, 38.419, 17.284
Yxy	1.9509, 0.5610, 0.2864
Android (android.graphics.Color)	4283695128 (0xFF540018)
YUV	27.8520, -1.8990, 49.2418
Hunter-Lab	13.9670, 24.3910, 5.3651

Details

The HunterLab color **13.9670, 24.3910, 5.3651** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **25.8205, -17.6290, 5.7835**, and the grayscale version is **10.7279, -0.5724, 0.5829**.

A 20% lighter version of the original color is **29.3508, 27.6789, 8.1585**, and **5.2746, 9.0744, 3.0862** is the 20% darker color. If you saturate the color by 10%, you get **13.9669, 24.3907, 5.3660**, and if you desaturate by 10%, it is **14.7005, 22.6223, 4.5003**.

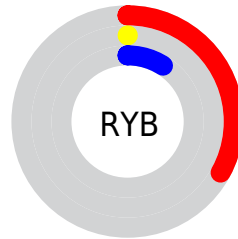
Distribution



Red (33%)

Green (0%)

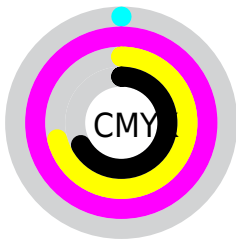
Blue (9%)



Red (33%)

Yellow (0%)

Blue (9%)

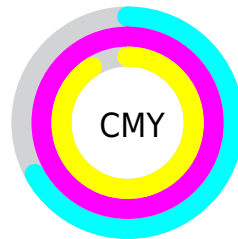


Cyan (0%)

Magenta (100%)

Yellow (71%)

Black (67%)



Cyan (67%)


Magenta (100%)


Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 13.9670, 24.3910, 5.3651 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 13.9670, 24.3910, 5.3651 by changing the saturation by 10% instead.

 13.9670, 24.3910,
5.3651

 13.9670, 24.3910,
5.3651


 106.8352, 35.2114,
16.5094

 7.6073, 24.2636,
5.3251


 29.3472, 27.5994,
8.0346

0.0000, INF, NaN

0.0000, NaN, NaN

 38.3470, 29.0277,
9.2809

0.0000, NaN, NaN


 48.1153, 30.3275,
10.5005

0.0000, NaN, NaN

 58.5958, 31.5072,
11.7058

0.0000, NaN, NaN

0.0000, NaN, NaN


 69.7430, 32.5765,
12.9047


0.0000, NaN, NaN


 81.5192, 33.5450,


0.0000, NaN, NaN


14.1025


 93.8924, 34.4208,
15.3032


 13.9670, 24.3910,
5.3651


 13.9670, 24.3910,
5.3651


 13.9669, 24.3907,
5.3660

 14.7005, 22.6223,
4.5003

 15.5148, 20.8489,
3.5466

 16.6015, 18.5374,
2.7308

 17.9441, 15.8540,
2.0945

 19.5129, 12.9656,
1.6455

■ 21.2771, 9.9955,
1.3724

■ 23.2082, 7.0221,
1.2550

■ 25.2816, 4.0888,
1.2705

■ 27.4767, 1.2158,
1.3977

Harmonies

Analogous

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



13.9674, 25.0704, -4.1907



13.9670, 24.3910, 5.3651



13.9674, 15.8561, 9.7772

Triad

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



13.9674, 24.3893, 5.3654



13.9674, -12.7468, 9.7202



13.9674, -4.9377, -34.2166

Complementary

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



13.9670, 24.3910, 5.3651



25.8205, -17.6290, 5.7835

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.



13.9674, -12.0177, -22.1570



13.9670, 24.3910, 5.3651



13.9674, -15.6583, 4.3766

Square

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



13.9674, 24.3893, 5.3654



13.9674, -6.2781, 9.7772



13.9674, -15.4109, -6.2767



13.9674, 5.8086, -33.0808

Rectangle

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



13.9670, 24.3910, 5.3651



13.9674, 7.9850, 9.7772



13.9674, -15.4109, -6.2767



13.9674, -7.7498, -31.3366

Sweetspot

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



13.9674, 24.3893, 5.3654



30.3981, 9.6905, 1.6663



12.5059, 26.5322, -31.5939



15.0480, 5.4153, 0.8570



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



13.9674, 24.3893, 5.3654



18.4207, 32.0924, 7.6680



15.0987, 19.1356, 9.6380



13.8286, 0.4207, 0.7079



17.5189, 30.5329, 7.2030



41.9058, 72.7116, 19.7395

Inverse Universe

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



13.9674, 24.3893, 5.3654



18.4207, 32.0924, 7.6680



21.6296, -7.9821, -9.8030



13.8286, 0.4207, 0.7079



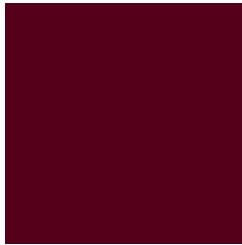
17.5189, 30.5329, 7.2030



41.9058, 72.7116, 19.7395

Previews

White Background



This preview shows how the HunterLab color 13.9670, 24.3910, 5.3651 looks on a white background.

Color Contrast Check

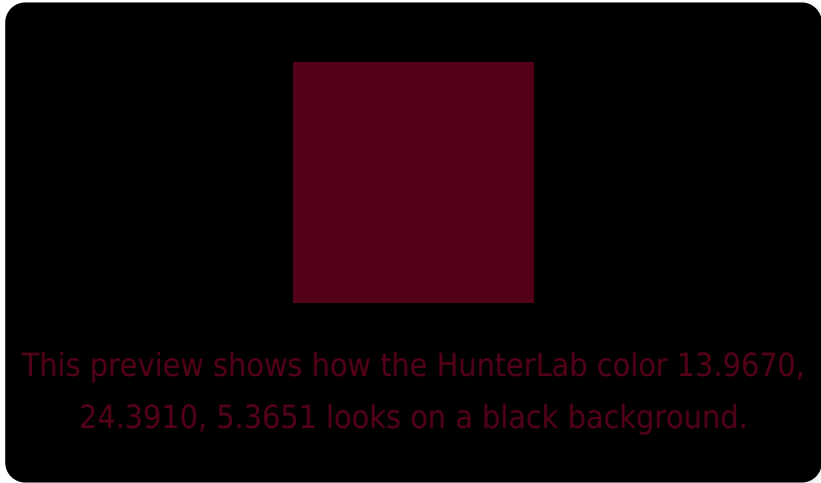
Large Text (above 18pt) WCAG AA ✓ Pass

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

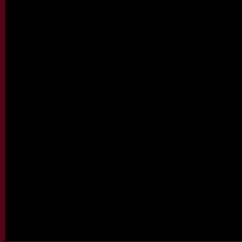
Any Text WCAG AA × Fail

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 13.9670, 24.3910, 5.3651 Background



This preview shows how black text looks on a background with the HunterLab color 13.9670, 24.3910, 5.3651.



This preview shows how white text looks on a background with the HunterLab color 13.9670, 24.3910,

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

13.9670, 24.3910, 5.3651

Protanopia

15.5339, -1.1629, 3.1810

Deuteranopia

15.4702, 0.4738, 7.0045



Tritanopia

14.5583, 21.2197, 8.4066

Trichromacy



Original Color

13.9670, 24.3910, 5.3651

Protanomaly

13.4832, 8.9225, 2.4555

Deuteranomaly

13.7220, 10.0568, 5.5660

Tritanomaly

14.3065, 22.3822, 7.4857

Monochromacy



Original Color

13.9670, 24.3910, 5.3651

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

10.6777, 8.6142, 0.9727

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.9670, 24.3910, 5.3651 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(84, 0, 24)` looks like.

```
.text, #text, p{  
    color:rgb(84, 0, 24)  
}
```

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(84, 0, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 0, 24) }
```

Border

The CSS property to change the border of an element to HunterLab 13.9670, 24.3910, 5.3651 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(84, 0, 24) }
```


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

```
.border{ border-color:rgb(84, 0, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 0, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 0, 24); -webkit-box-shadow:4px  
4px 4px 4px rgb(84, 0, 24); box-shadow:4px  
4px 4px 4px rgb(84, 0, 24) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.9670, 24.3910, 5.3651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 0, 24) }
```

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

```
.background{ background-color: rgb(84, 0,  
24) }
```

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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