

Converting Colors

HunterLab(19.4823, 34.2248,
5.9168)

Have a look what the booklet for
HunterLab(19.4823, 34.2248,
5.9168) contains.

HunterLab(19.5244, 34.2922, 5.9793)	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(19.5244, 34.2922,
5.9793)**

Conversions

Conversions Part 1

Format	Color
Hex	73002A
RGB	115, 0, 42
RGB Percent	45%, 0%, 16%
CMY	0.5490, 1.0000, 0.8353
CMYK	0.00, 1.00, 0.63, 0.55
HSL	338°, 100%, 23%
HSV	338°, 100%, 45%
XYZ	7.4882, 3.8120, 2.5316
YIQ	39.1730, 55.0580, 37.4420

Conversions

Conversions Part 2

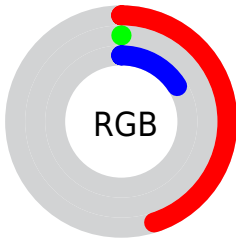
Format	Color
R_YB	115, 0, 42
Decimal	7536682
CIE Lab	23.04, 46.07, 10.23
CIE LCh	23, 47.190, 12.518
Yxy	3.8123, 0.5414, 0.2756
Android (android.graphics.Color)	4285726762 (0xFF73002A)
YUV	39.1730, 1.3937, 66.5003
Hunter-Lab	19.5244, 34.2922, 5.9793

Details

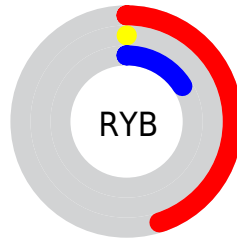
The HunterLab color **19.5244, 34.2922, 5.9793** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **35.6969, -25.7972, 11.0719**, and the grayscale version is **14.2848, -0.7622, 0.7761**.

A 20% lighter version of the original color is **36.2292, 37.9314, 8.2321**, and **9.9714, 17.0983, 6.2729** is the 20% darker color. If you saturate the color by 10%, you get **19.5242, 34.2917, 5.9812**, and if you desaturate by 10%, it is **20.2988, 32.6859, 4.4954**.

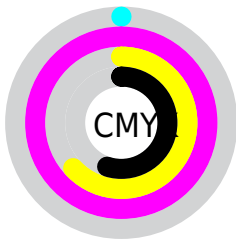
Distribution



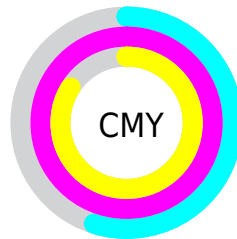
- Red (45%)
- Green (0%)
- Blue (16%)



- Red (45%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (63%)
- Black (55%)



- Cyan (55%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.5244, 34.2922, 5.9793 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 19.5244, 34.2922, 5.9793 by changing the saturation by 10% instead.

■ 19.5244, 34.2922,
5.9793

■ 19.5244, 34.2922,
5.9793

■ 117.3285, 47.4036,
16.3598

■ 12.5264, 32.4895,
4.7127

■ 36.3113, 37.9381,
8.3563

■ 5.8020, 39.0666,
4.0614

■ 45.9168, 39.6154,
9.5026

0.0000, INF, NaN

0.0000, NaN, NaN

■ 56.2458, 41.1759,
10.6390

0.0000, NaN, NaN

■ 67.2507, 42.6227,
11.7728

0.0000, NaN, NaN

■ 78.8922, 43.9619,
12.9088

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 91.1374, 45.2007,


14.0505


0.0000, NaN, NaN


 103.9577, 46.3458,
15.2003


 19.5244, 34.2922,
5.9793


 19.5244, 34.2922,
5.9793


 19.5242, 34.2917,
5.9812

 20.2988, 32.6859,
4.4954

 21.3297, 30.5047,
3.0616

 22.7759, 27.3825,
1.9250

 24.6116, 23.5931,
1.1353

 26.7942, 19.4098,
0.6906

■ 29.2767, 15.0456,
0.5574

■ 32.0150, 10.6400,
0.6898

■ 34.9702, 6.2731,
1.0419

■ 38.1103, 1.9839,
1.5733

Harmonies

Analogous

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



19.5250, 33.2813, -8.6960



19.5244, 34.2922, 5.9793



19.5250, 24.0357, 12.0044

Triad

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



19.5250, 34.2899, 5.9798



19.5250, -16.5327, 12.6180



19.5250, -8.7292, -44.8991

Complementary

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



19.5244, 34.2922, 5.9793



35.6969, -25.7972, 11.0719

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.



19.5250, -17.6303, -26.6821



19.5244, 34.2922, 5.9793



19.5250, -21.1478, 7.4671

Square

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



19.5250, 34.2899, 5.9798



19.5250, -6.7233, 13.6675



19.5250, -21.4802, -5.6004



19.5250, 5.3719, -46.5696

Rectangle

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



19.5244, 34.2922, 5.9793



19.5250, 13.5534, 13.6675



19.5250, -21.4802, -5.6004



19.5250, -12.3107, -40.1153

Sweetspot

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



19.5250, 34.2899, 5.9798



42.5374, 14.7083, 0.8974



16.2733, 35.4705, -48.4460



20.1650, 8.1465, 0.3959



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



19.5250, 34.2899, 5.9798



26.0807, 45.7193, 8.6723



19.9907, 29.7167, 12.8374



19.2897, 0.7971, 0.8190



20.8661, 36.6306, 6.5319



45.8968, 80.2549, 16.8270

Inverse Universe

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



19.5250, 34.2899, 5.9798



26.0807, 45.7193, 8.6723



32.0760, -13.7280, -10.4560



19.2897, 0.7971, 0.8190



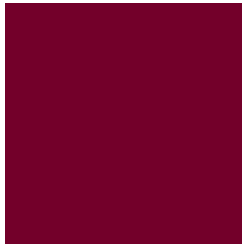
20.8661, 36.6306, 6.5319



45.8968, 80.2549, 16.8270

Previews

White Background



This preview shows how the HunterLab color 19.5244, 34.2922, 5.9793 looks on a white background.

Color Contrast Check

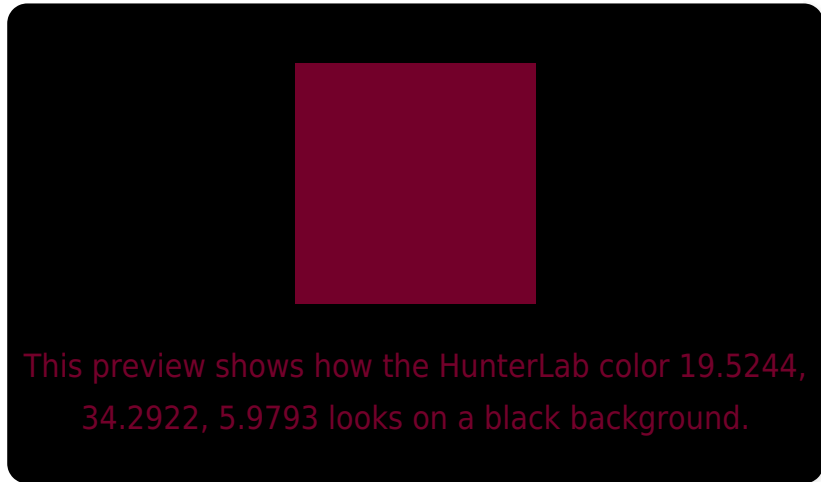
Large Text (above 18pt) WCAG AA ✓ Pass

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

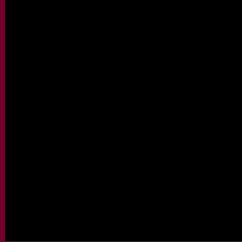
Any Text WCAG AA × Fail

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 19.5244, 34.2922, 5.9793 Background



This preview shows how black text looks on a background with the HunterLab color 19.5244, 34.2922, 5.9793.



This preview shows how white text looks on a background with the HunterLab color 19.5244, 34.2922,

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

19.5244, 34.2922, 5.9793

Protanopia

20.9894, -0.6978, 0.0477

Deuteranopia

20.7401, 1.1143, 7.7959



Tritanopia

20.0320, 29.3341, 11.5195

Trichromacy



Original Color

19.5244, 34.2922, 5.9793

Protanomaly

18.2327, 13.1971, -0.2876

Deuteranomaly

18.5323, 15.0298, 5.5418

Tritanomaly

19.7153, 30.9991, 9.9254

Monochromacy



Original Color

19.5244, 34.2922, 5.9793

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.2890, 13.0374, 0.7033

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.5244, 34.2922, 5.9793 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(115, 0, 42)` looks like.

```
.text, #text, p{  
    color:rgb(115, 0, 42)  
}
```

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(115, 0, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 0, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 19.5244, 34.2922, 5.9793 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(115, 0, 42) }
```


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

```
.border{ border-color:rgb(115, 0, 42) }
```

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

Here you see how a box with a 4 pixel rgb(115, 0, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 0, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 0, 42);  
box-shadow:4px 4px 4px 4px rgb(115, 0, 42)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.5244, 34.2922, 5.9793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 0, 42) }
```

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

```
.background{ background-color: rgb(115, 0,  
42) }
```

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