

Converting Colors

HunterLab(19.6876, 34.0879,
9.8358)

Have a look what the booklet for
HunterLab(19.6876, 34.0879,
9.8358) contains.

HunterLab(19.6379, 34.0104, 9.7457)	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(19.6379, 34.0104,
9.7457)**

Conversions

Conversions Part 1

Format	Color
Hex	75001A
RGB	117, 0, 26
RGB Percent	46%, 0%, 10%
CMY	0.5412, 1.0000, 0.8980
CMYK	0.00, 1.00, 0.78, 0.54
HSL	347°, 100%, 23%
HSV	347°, 100%, 46%
XYZ	7.5226, 3.8565, 1.3251
YIQ	37.9470, 61.3860, 32.8900

Conversions

Conversions Part 2

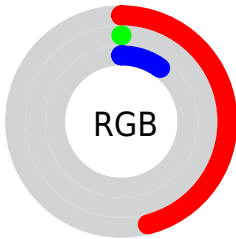
Format	Color
R_{YB}	117, 0, 26
Decimal	7667738
CIE _{Lab}	23.19, 45.74, 21.57
CIE _{LCh}	23, 50.573, 25.243
Yxy	3.8567, 0.5921, 0.3036
Android (android.graphics.Color)	4285857818 (0xFF75001A)
YUV	37.9470, -5.8899, 69.3295
Hunter-Lab	19.6379, 34.0104, 9.7457

Details

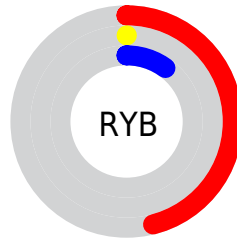
The HunterLab color **19.6379, 34.0104, 9.7457** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **36.7125, -24.1335, 6.2110**, and the grayscale version is **13.9114, -0.7423, 0.7558**.

A 20% lighter version of the original color is **36.5056, 37.8793, 14.0135**, and **9.9714, 17.0983, 6.2729** is the 20% darker color. If you saturate the color by 10%, you get **19.6378, 34.0098, 9.7472**, and if you desaturate by 10%, it is **20.3957, 32.3001, 8.4880**.

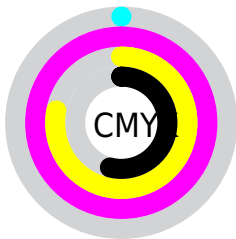
Distribution



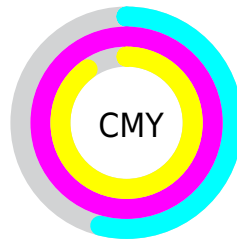
- Red (46%)
- Green (0%)
- Blue (10%)



- Red (46%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (78%)
- Black (54%)



- Cyan (54%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.6379, 34.0104, 9.7457 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 19.6379, 34.0104, 9.7457 by changing the saturation by 10% instead.

■ 19.6379, 34.0104,
9.7457

■ 19.6379, 34.0104,
9.7457

■ 117.5348, 47.0110,
26.3730

■ 12.6243, 32.2063,
8.4505

■ 36.4508, 37.6362,
13.9722

■ 5.9445, 38.0068,
4.1612

■ 46.0677, 39.3005,
15.8971

0.0000, INF, NaN

■ 56.4072, 40.8477,
17.7443

0.0000, NaN, NaN

■ 67.4220, 42.2811,
19.5349

0.0000, NaN, NaN

■ 79.0729, 43.6072,
21.2837


0.0000, NaN, NaN


■ 91.3270, 44.8330,


0.0000, NaN, NaN


23.0013


0.0000, NaN, NaN


 104.1558, 45.9655,
24.6957


 19.6379, 34.0104,
9.7457


 19.6379, 34.0104,
9.7457


 19.6378, 34.0098,
9.7472

 20.3957, 32.3001,
8.4880

 21.4348, 30.0182,
7.0873

 22.9137, 26.8179,
5.7789

 24.8035, 22.9871,
4.6530

 27.0579, 18.8073,
3.7530

■ 29.6258, 14.4912,
3.0847

■ 32.4597, 10.1730,
2.6310

■ 35.5184, 5.9254,
2.3658

■ 38.7677, 1.7802,
2.2613

Harmonies

Analogous

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



19.6385, 38.5533, -1.4411



19.6379, 34.0104, 9.7457



19.6385, 19.0876, 13.7470

Triad

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



19.6385, 34.0079, 9.7461



19.6385, -20.0827, 11.3925



19.6385, -3.4693, -53.7169

Complementary

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



19.6379, 34.0104, 9.7457



36.7125, -24.1335, 6.2110

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.



19.6385, -15.3624, -39.6458



19.6379, 34.0104, 9.7457



19.6385, -22.8577, 3.2860

Square

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



19.6385, 34.0079, 9.7461



19.6385, -12.2504, 13.7470



19.6385, -21.4476, -15.3575



19.6385, 13.4111, -46.0413

Rectangle

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



19.6379, 34.0104, 9.7457



19.6385, 7.1691, 13.7470



19.6385, -21.4476, -15.3575



19.6385, -8.1045, -51.1863

Sweetspot

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



19.6385, 34.0079, 9.7461



43.1276, 14.0645, 3.5588



18.5563, 38.6958, -41.6608



20.0672, 7.6543, 1.7913



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.



19.6385, 34.0079, 9.7461



26.2445, 45.3843, 13.5494



21.8468, 25.7564, 13.9118



19.2691, 0.6859, 1.1135



20.6079, 35.6799, 10.3066



45.3721, 78.3200, 24.5214

Inverse Universe

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



19.6385, 34.0079, 9.7461



26.2445, 45.3843, 13.5494



28.1222, -7.8098, -18.2896



19.2691, 0.6859, 1.1135



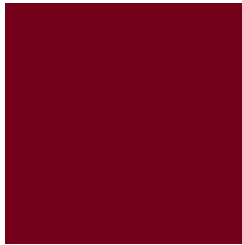
20.6079, 35.6799, 10.3066



45.3721, 78.3200, 24.5214

Previews

White Background



This preview shows how the HunterLab color 19.6379, 34.0104, 9.7457 looks on a white background.

Color Contrast Check

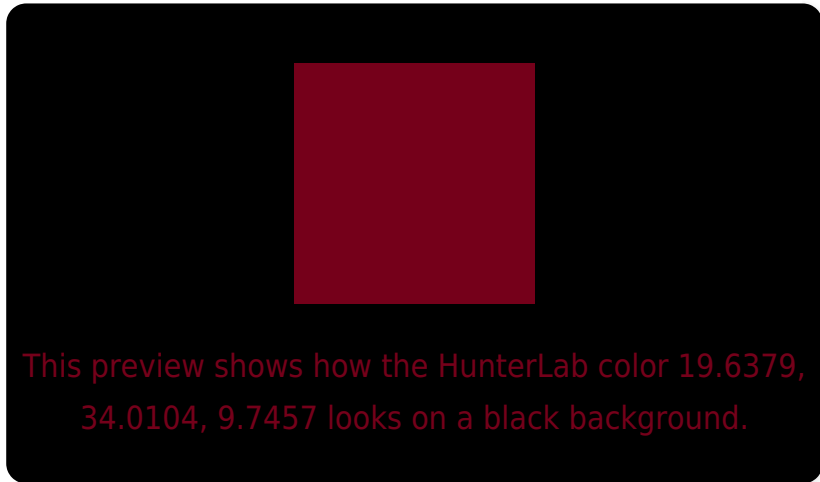
Large Text (above 18pt) WCAG AA ✓ Pass

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

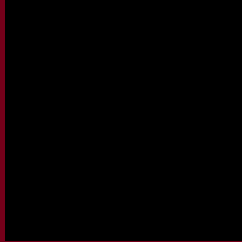
Any Text WCAG AA × Fail

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 19.6379, 34.0104, 9.7457 Background



This preview shows how black text looks on a background with the HunterLab color 19.6379, 34.0104, 9.7457.



This preview shows how white text looks on a background with the HunterLab color 19.6379, 34.0104,

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

19.6379, 34.0104, 9.7457

Protanopia

20.9072, -1.9132, 7.1565

Deuteranopia

20.8035, 0.8957, 11.2038



Tritanopia

20.0804, 31.3795, 12.4988

Trichromacy



Original Color

19.6379, 34.0104, 9.7457

Protanomaly

18.2936, 12.5170, 6.3380

Deuteranomaly

18.6804, 14.9214, 9.5202

Tritanomaly

19.9071, 32.2757, 11.6976

Monochromacy



Original Color

19.6379, 34.0104, 9.7457

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

14.0073, 12.8265, 2.4500

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.6379, 34.0104, 9.7457 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(117, 0, 26)` looks like.

```
.text, #text, p{  
    color:rgb(117, 0, 26)  
}
```

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(117, 0, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 0, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 19.6379, 34.0104, 9.7457 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(117, 0, 26) }
```


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

```
.border{ border-color:rgb(117, 0, 26) }
```

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

Here you see how a box with a 4 pixel rgb(117, 0, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 0, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 0, 26);  
box-shadow:4px 4px 4px 4px rgb(117, 0, 26)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.6379, 34.0104, 9.7457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 0, 26) }
```

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

```
.background{ background-color: rgb(117, 0,  
26) }
```

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