

Converting Colors

HunterLab(15.2100, 15.8079,
-4.0182)

Have a look what the booklet for
HunterLab(15.2100, 15.8079,
-4.0182) contains.

HunterLab(15.1697, 15.9552, -4.0138)	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(15.1697, 15.9552,
-4.0138)**

Conversions

Conversions Part 1

Format	Color
Hex	471936
RGB	71, 25, 54
RGB Percent	28%, 10%, 21%
CMY	0.7216, 0.9020, 0.7882
CMYK	0.00, 0.65, 0.24, 0.72
HSL	322°, 48%, 19%
HSV	322°, 65%, 28%
XYZ	3.6120, 2.3012, 3.7438
YIQ	42.0600, 18.1070, 18.7710

Conversions

Conversions Part 2

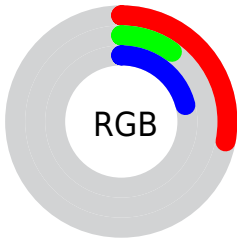
Format	Color
R_{YB}	71, 25, 54
Decimal	4659510
CIE Lab	17.00, 25.88, -8.15
CIE LCh	17, 27.135, 342.527
Yxy	2.3013, 0.3740, 0.2383
Android (android.graphics.Color)	4282849590 (0xFF471936)
YUV	42.0600, 5.8864, 25.3804
Hunter-Lab	15.1697, 15.9552, -4.0138




Details

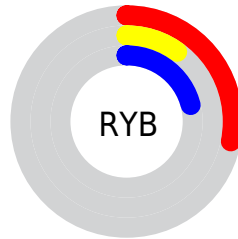
The HunterLab color **15.1697, 15.9552, -4.0138** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **22.0916, -13.8371, 7.4910**, and the grayscale version is **15.2135, -0.8118, 0.8266**.




A 20% lighter version of the original color is **30.8399, 18.3064, -4.3459**, and **4.6013, 8.2609, 0.0198** is the 20% darker color. If you saturate the color by 10%, you get **14.1824, 18.2142, -4.2178**, and if you desaturate by 10%, it is **16.3396, 13.4318, -3.5648**.

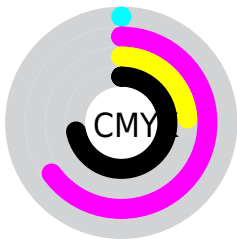
Distribution







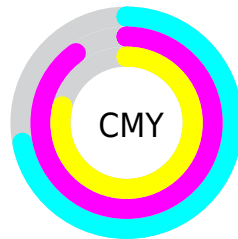
-  Red (28%)
-  Green (10%)
-  Blue (21%)






-  Red (28%)
-  Yellow (10%)
-  Blue (21%)



-  Cyan (0%)
-  Magenta (65%)
-  Yellow (24%)
-  Black (72%)












-  Cyan (72%)
-  Magenta (90%)
-  Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.1697, 15.9552, -4.0138 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 15.1697, 15.9552, -4.0138 by changing the saturation by 10% instead.

 15.1697, 15.9552, -4.0138	 15.1697, 15.9552, -4.0138
109.1804, 22.6453, -2.4970	 8.8000, 14.7240, -3.8513
 30.8793, 18.2536, -4.1414	0.0000, INF, -NF
	0.0000, NaN, NaN
 40.0197, 19.1885, -4.0826	0.0000, NaN, NaN
	0.0000, NaN, NaN
 49.9176, 20.0011, -3.9552	0.0000, NaN, NaN
	0.0000, NaN, NaN
 60.5190, 20.7055, -3.7664	0.0000, NaN, NaN
	0.0000, NaN, NaN
 71.7800, 21.3132, -3.5219	0.0000, NaN, NaN
	0.0000, NaN, NaN
 83.6639, 21.8340,	0.0000, NaN, NaN

-3.2264

96.1397, 22.2758,
-2.8837

15.1697, 15.9552,
-4.0138

15.1697, 15.9552,
-4.0138

14.1824, 18.2142,
-4.2178

16.3396, 13.4318,
-3.5648

13.3944, 20.0724,
-4.1361

17.6701, 10.7635,
-2.9204

12.7210, 21.7199,
-3.8900

19.1408, 8.0343,
-2.1250

12.3581, 22.6817,
-3.7828

20.7328, 5.2988,
-1.2155

22.4297, 2.5890,
-0.2205

■ 24.2176, -0.0793,
0.8388

■ 26.0849, -2.6998,
1.9471

■ 28.0221, -5.2722,
3.0933

■ 30.0212, -7.7994,
4.2695

Harmonies

Analogous

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



15.1701, 10.4870, -13.5577



15.1697, 15.9552, -4.0138



15.1701, 16.4156, 3.5618

Triad

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



15.1701, 15.9543, -4.0133



15.1701, -3.8752, 9.8505



15.1701, -10.2119, -12.0292

Complementary

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



15.1697, 15.9552, -4.0138



22.0916, -13.8371, 7.4910

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.



15.1701, -12.6791, -2.5393



15.1697, 15.9552, -4.0138



15.1701, -9.5390, 8.0766

Square

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



15.1701, 15.9543, -4.0133



15.1701, 3.8712, 9.6849



15.1701, -12.4601, 4.4596



15.1701, -4.9849, -19.5459

Rectangle

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



15.1697, 15.9552, -4.0138



15.1701, 13.7159, 6.5936



15.1701, -12.4601, 4.4596



15.1701, -11.3402, -8.8074

Sweetspot

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



15.1701, 15.9543, -4.0133



28.0572, 5.1057, -0.9395



12.8054, 11.5261, -19.5088



14.0286, 2.8227, -0.5633



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



15.1701, 15.9543, -4.0133



17.7703, 25.2657, -5.4644



14.6103, 13.4707, 3.9400



12.3589, 0.4899, 0.2251



17.4171, 31.8682, -4.5664



42.7880, 77.9158, -8.3194

Inverse Universe

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



15.1701, 15.9543, -4.0133



17.7703, 25.2657, -5.4644



22.5684, -10.9856, 0.6288



12.3589, 0.4899, 0.2251



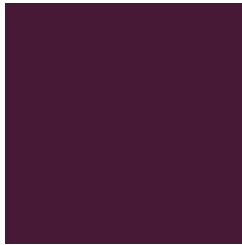
17.4171, 31.8682, -4.5664



42.7880, 77.9158, -8.3194

Previews

White Background



This preview shows how the HunterLab color 15.1697, 15.9552, -4.0138 looks on a white background.

Color Contrast Check

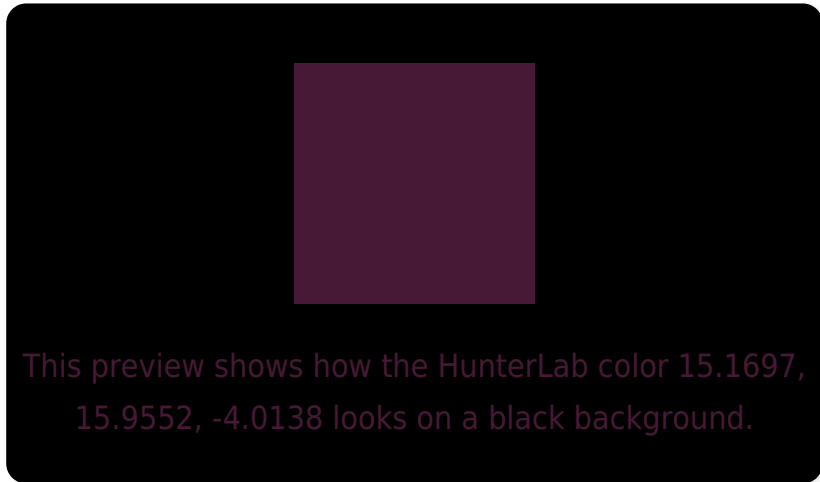
Large Text (above 18pt) WCAG AA ✓ Pass

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

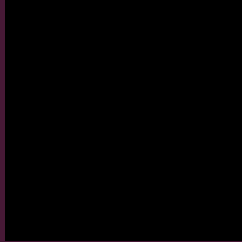
Any Text WCAG AA × Fail

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 15.1697, 15.9552, -4.0138 Background



This preview shows how black text looks on a background with the HunterLab color 15.1697, 15.9552, -4.0138.



This preview shows how white text looks on a background with the HunterLab color 15.1697, 15.9552, -4.0138.

-4.0138.

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

15.1697, 15.9552, -4.0138

Protanopia

15.4960, 1.6887, -10.7395

Deuteranopia

15.5195, 0.6953, -2.3901



Tritanopia

15.1775, 10.9921, 3.9240

Trichromacy



Original Color

15.1697, 15.9552, -4.0138

Protanomaly

14.8791, 6.0246, -8.8864

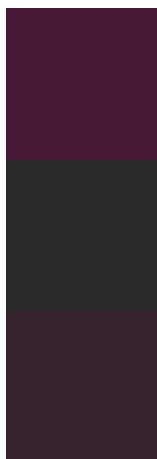
Deuteranomaly

15.0551, 5.8900, -3.4144

Tritanomaly

15.1416, 12.8914, 1.3415

Monochromacy



Original Color

15.1697, 15.9552, -4.0138

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

14.8859, 5.0336, -1.0343

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.1697, 15.9552, -4.0138 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(71, 25, 54)` looks like.

```
.text, #text, p{  
    color:rgb(71, 25, 54)  
}
```

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(71, 25, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 25, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 15.1697, 15.9552, -4.0138 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(71, 25, 54) }
```


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

```
.border{ border-color:rgb(71, 25, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 25, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 25, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 25, 54);  
box-shadow:4px 4px 4px 4px rgb(71, 25, 54)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.1697, 15.9552, -4.0138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 25, 54) }
```

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

```
.background{ background-color: rgb(71, 25,  
54) }
```

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