

Converting Colors

HunterLab(14.7327, 15.3364,
5.0708)

Have a look what the booklet for
HunterLab(14.7327, 15.3364,
5.0708) contains.

HunterLab(14.7911, 15.2177, 5.2242)	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(14.7911, 15.2177,
5.2242)**

Conversions

Conversions Part 1

Format	Color
Hex	4B171B
RGB	75, 23, 27
RGB Percent	29%, 9%, 11%
CMY	0.7059, 0.9098, 0.8941
CMYK	0.00, 0.69, 0.64, 0.71
HSL	355°, 53%, 19%
HSV	355°, 69%, 29%
XYZ	3.4059, 2.1878, 1.2797
YIQ	39.0040, 29.7080, 12.2680

Conversions

Conversions Part 2

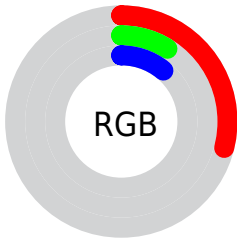
Format	Color
R_{YB}	75, 23, 27
Decimal	4921115
CIE _{Lab}	16.44, 25.00, 10.47
CIE _{LCh}	16, 27.100, 22.717
Yxy	2.1879, 0.4955, 0.3183
Android (android.graphics.Color)	4283111195 (0xFF4B171B)
YUV	39.0040, -5.9180, 31.5685
Hunter-Lab	14.7911, 15.2177, 5.2242




Details

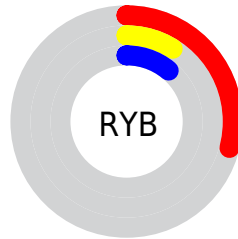
The HunterLab color **14.7911, 15.2177, 5.2242** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **23.8102, -11.6291, -0.3770**, and the grayscale version is **14.2572, -0.7607, 0.7746**.




A 20% lighter version of the original color is **30.3487, 17.3869, 7.6852**, and **3.9929, 6.8379, 2.5801** is the 20% darker color. If you saturate the color by 10%, you get **13.7937, 17.3566, 5.9433**, and if you desaturate by 10%, it is **16.0160, 12.8342, 4.5126**.

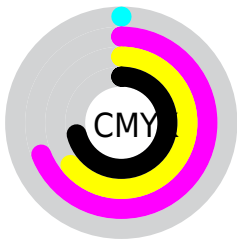
Distribution







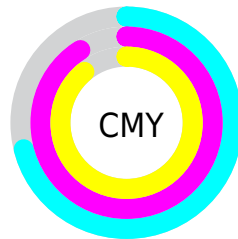
-  Red (29%)
-  Green (9%)
-  Blue (11%)






-  Red (29%)
-  Yellow (9%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (69%)
-  Yellow (64%)
-  Black (71%)



-  Cyan (71%)
-  Magenta (91%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.7911, 15.2177, 5.2242 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 14.7911, 15.2177, 5.2242 by changing the saturation by 10% instead.

■ 14.7911, 15.2177,
5.2242

■ 14.7911, 15.2177,
5.2242

108.4473, 21.6094,
15.8073

■ 8.4462, 14.2121,
5.5959

■ 30.3987, 17.4481,
7.7105

0.0000, INF, NaN

0.0000, NaN, NaN

■ 39.4955, 18.3482,
8.8859

0.0000, NaN, NaN

■ 49.3532, 19.1263,
10.0428

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.9171, 19.7968,
11.1914

0.0000, NaN, NaN

■ 71.1427, 20.3715,
12.3383

0.0000, NaN, NaN

■ 82.9931, 20.8601,

0.0000, NaN, NaN

13.4880

■ 95.4370, 21.2705,
14.6436

■ 14.7911, 15.2177,
5.2242

■ 14.7911, 15.2177,
5.2242

■ 13.7937, 17.3566,
5.9433

■ 16.0160, 12.8342,
4.5126

■ 13.0347, 19.1228,
6.6110

■ 17.4393, 10.3455,
3.8425

■ 12.3305, 20.9994,
7.1054

■ 19.0335, 7.8438,
3.2322

■ 12.2820, 21.1362,
7.1389

■ 20.7731, 5.3836,
2.6878

■ 22.6365, 2.9913,
2.2077

■ 24.6057, 0.6760,
1.7866

■ 26.6662, -1.5633,
1.4179

■ 28.8061, -3.7323,
1.0950

■ 31.0158, -5.8389,
0.8114

Harmonies

Analogous

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



14.7915, 16.6416, -1.0646



14.7911, 15.2177, 5.2242



14.7915, 9.1256, 8.4514

Triad

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



14.7915, 15.2165, 5.2245



14.7915, -10.7002, 7.0093



14.7915, -2.5945, -20.6367

Complementary

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



14.7911, 15.2177, 5.2242



23.8102, -11.6291, -0.3770

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.



14.7915, -8.6308, -15.0406



14.7911, 15.2177, 5.2242



14.7915, -12.6581, 2.4587

Square

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



14.7915, 15.2165, 5.2245



14.7915, -6.0130, 9.4142



14.7915, -11.9853, -5.6196



14.7915, 5.2762, -18.5698

Rectangle

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



14.7911, 15.2177, 5.2242



14.7915, 3.7987, 9.6604



14.7915, -11.9853, -5.6196



14.7915, -4.8797, -19.5221

Sweetspot

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



14.7915, 15.2165, 5.2245



28.8665, 4.6477, 3.0200



15.6459, 19.9729, -15.2344



14.3420, 2.5262, 1.5543



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



14.7915, 15.2165, 5.2245



17.2660, 24.1919, 8.3409



18.4642, 6.1838, 8.8824



13.0577, 0.2796, 0.9298



16.8581, 28.9720, 10.1032



40.9669, 70.2609, 25.6675

Inverse Universe

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



14.7915, 15.2165, 5.2245



17.2660, 24.1919, 8.3409



18.0748, -2.8750, -10.7479



13.0577, 0.2796, 0.9298



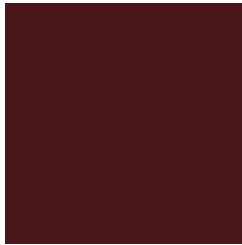
16.8581, 28.9720, 10.1032



40.9669, 70.2609, 25.6675

Previews

White Background



This preview shows how the HunterLab color 14.7911, 15.2177, 5.2242 looks on a white background.

Color Contrast Check

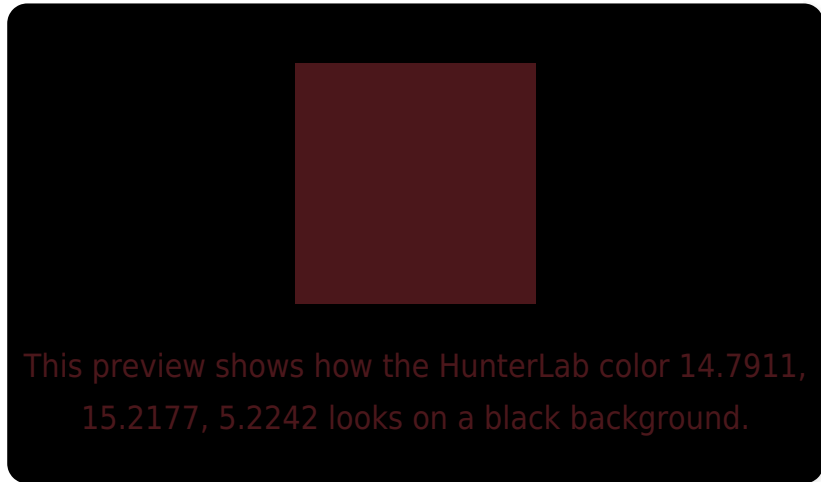
Large Text (above 18pt) WCAG AA ✓ Pass

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

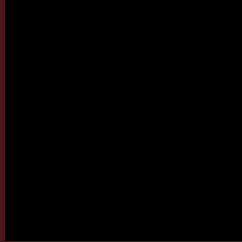
Any Text WCAG AA × Fail

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 14.7911, 15.2177, 5.2242 Background



This preview shows how black text looks on a background with the HunterLab color 14.7911, 15.2177, 5.2242.



This preview shows how white text looks on a background with the HunterLab color 14.7911, 15.2177,

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

14.7911, 15.2177, 5.2242

Protanopia

15.2813, -0.8860, 3.2312

Deuteranopia

15.1240, 0.5478, 5.9412



Tritanopia

14.7609, 15.0845, 5.6655

Trichromacy



Original Color

14.7911, 15.2177, 5.2242

Protanomaly

14.6530, 4.7220, 3.5825

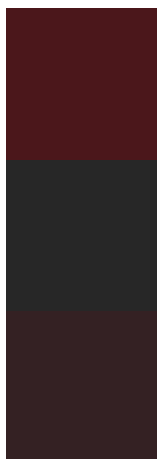
Deuteranomaly

14.7475, 5.7943, 5.4913

Tritanomaly

14.7758, 15.1500, 5.4485

Monochromacy



Original Color

14.7911, 15.2177, 5.2242

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

13.9253, 4.6441, 1.8917

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.7911, 15.2177, 5.2242 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(75, 23, 27)` looks like.

```
.text, #text, p{  
    color:rgb(75, 23, 27)  
}
```

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(75, 23, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 23, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 14.7911, 15.2177, 5.2242 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(75, 23, 27) }
```


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

```
.border{ border-color:rgb(75, 23, 27) }
```

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

Here you see how a box with a 4 pixel rgb(75, 23, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 23, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 23, 27);  
box-shadow:4px 4px 4px 4px rgb(75, 23, 27)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 14.7911, 15.2177, 5.2242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 23, 27) }
```

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

```
.background{ background-color: rgb(75, 23,  
27) }
```

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