

Converting Colors

HunterLab(15.2663, 9.4365,
4.2651)

Have a look what the booklet for
HunterLab(15.2663, 9.4365, 4.2651)
contains.

HunterLab(15.2663, 9.4365, 4.2651)	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(15.2663, 9.4365,
4.2651)**

Conversions

Conversions Part 1

Format	Color
Hex	432020
RGB	67, 32, 32
RGB Percent	26%, 13%, 13%
CMY	0.7373, 0.8745, 0.8745
CMYK	0.00, 0.52, 0.52, 0.74
HSL	0°, 35%, 19%
HSV	0°, 52%, 26%
XYZ	3.0920, 2.3306, 1.6534
YIQ	42.4650, 20.8600, 7.4200

Conversions

Conversions Part 2

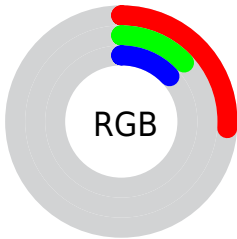
Format	Color
RYB	67, 32, 32
Decimal	4399136
CIELab	17.14, 16.79, 7.60
CIELCh	17, 18.432, 24.361
Yxy	2.3307, 0.4370, 0.3294
Android (android.graphics.Color)	4282589216 (0xFF432020)
YUV	42.4650, -5.1592, 21.5172
Hunter-Lab	15.2663, 9.4365, 4.2651

Details

The HunterLab color **15.2663, 9.4365, 4.2651** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **21.7403, -8.3576, -1.2319**, and the grayscale version is **15.3798, -0.8206, 0.8356**.

A 20% lighter version of the original color is **31.0024, 10.7754, 6.2159**, and **2.7958, 4.7878, 1.8066** is the 20% darker color. If you saturate the color by 10%, you get **14.0465, 11.6052, 4.9044**, and if you desaturate by 10%, it is **16.6413, 7.2589, 3.6351**.

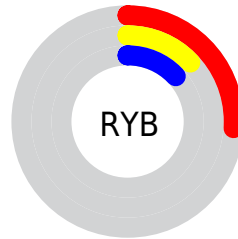
Distribution



Red (26%)

Green (13%)

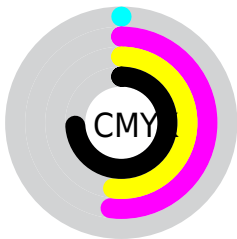
Blue (13%)



Red (26%)

Yellow (13%)

Blue (13%)

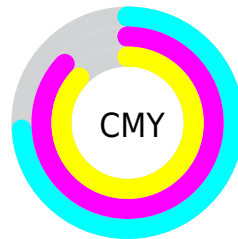


Cyan (0%)

Magenta (52%)

Yellow (52%)

Black (74%)



Cyan (74%)

Magenta (87%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.2663, 9.4365, 4.2651 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 15.2663, 9.4365, 4.2651 by changing the saturation by 10% instead.

■ 15.2663, 9.4365,
4.2651

■ 15.2663, 9.4365,
4.2651

■ 109.3668, 12.3314,
13.2699

■ 8.8876, 8.6001,
4.0297

■ 31.0017, 10.7809,
6.2682

0.0000, INF, NaN

0.0000, NaN, NaN

■ 40.1531, 11.2589,
7.2465

0.0000, NaN, NaN

■ 50.0612, 11.6333,
8.2253

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.6722, 11.9176,
9.2104

0.0000, NaN, NaN

■ 71.9421, 12.1221,
10.2054

0.0000, NaN, NaN

■ 83.8345, 12.2551,

0.0000, NaN, NaN

11.2127

96.3183, 12.3230,
12.2338

15.2663, 9.4365,
4.2651

15.2663, 9.4365,
4.2651

14.0465, 11.6052,
4.9044

16.6413, 7.2589,
3.6351

13.0053, 13.6826,
5.5255

18.1477, 5.1253,
3.0287

12.1663, 15.5463,
6.0895

19.7665, 3.0595,
2.4531

11.4789, 17.2281,
6.6035

21.4813, 1.0697,
1.9099

10.9241, 18.7061,
7.0589

23.2789, -0.8453,
1.3978

■ 25.1484, -2.6909,
0.9141

■ 27.0811, -4.4749,
0.4556

■ 29.0698, -6.2052,
0.0191

■ 31.1086, -7.8894,
-0.3983

Harmonies

Analogous

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



15.2667, 10.5004, -0.1363



15.2663, 9.4365, 4.2651



15.2667, 5.4779, 6.7285

Triad

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



15.2667, 9.4356, 4.2654



15.2667, -8.1402, 5.4098



15.2667, -1.7883, -12.0361

Complementary

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



15.2663, 9.4365, 4.2651



21.7403, -8.3576, -1.2319

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.



15.2667, -6.2300, -9.1319



15.2663, 9.4365, 4.2651



15.2667, -9.5680, 1.7389

Square

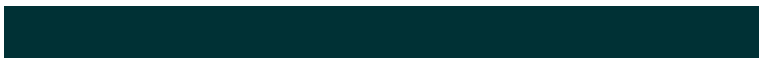
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15.2667, 9.4356, 4.2654



15.2667, -4.7355, 7.2241



15.2667, -8.9186, -3.6506



15.2667, 3.5450, -10.6630

Rectangle

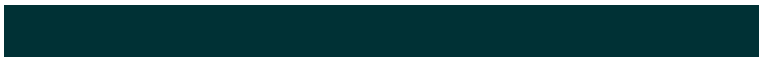
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15.2663, 9.4365, 4.2651



15.2667, 1.9830, 7.4844



15.2667, -8.9186, -3.6506



15.2667, -3.4257, -11.5046

Sweetspot

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



15.2667, 9.4356, 4.2654



26.8946, 2.5178, 2.7863



16.2222, 13.9127, -9.1685



13.6088, 1.3742, 1.4435



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



15.2667, 9.4356, 4.2654



17.7594, 15.9901, 6.6423



18.8050, 2.1629, 7.3169



11.5712, 0.1802, 0.8961



15.9248, 27.2700, 10.2902



39.8893, 68.3100, 25.7755

Inverse Universe

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



21.7403, -8.3576, -1.2319



27.8550, -12.2843, -2.1069



17.1785, -1.7147, -7.7722



12.1665, -1.4078, 0.4067



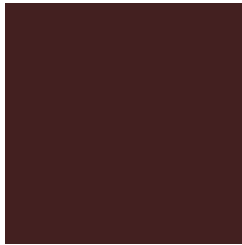
30.6451, -16.2456, -3.2342



76.7619, -40.6928, -8.1016

Previews

White Background



This preview shows how the HunterLab color 15.2663, 9.4365, 4.2651 looks on a white background.

Color Contrast Check

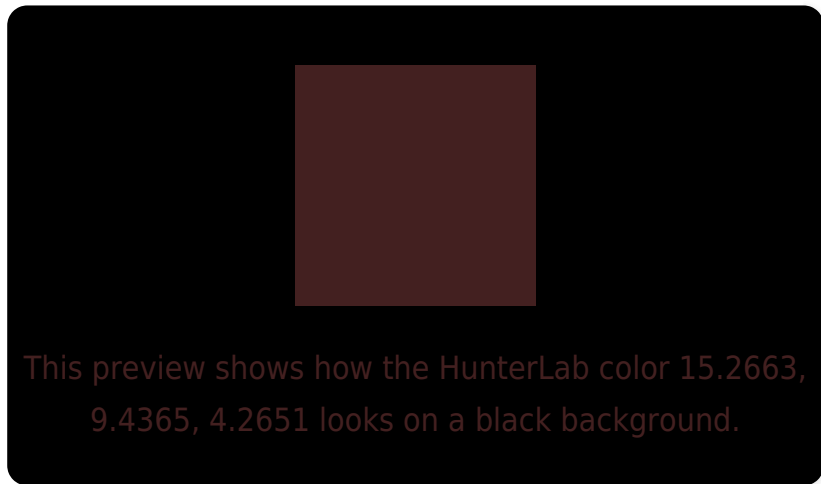
Large Text (above 18pt) WCAG AA ✓ Pass

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

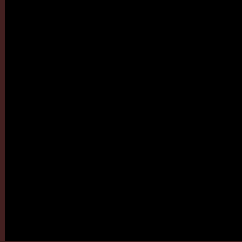
Any Text WCAG AA × Fail

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 15.2663, 9.4365, 4.2651 Background



This preview shows how black text looks on a background with the HunterLab color 15.2663, 9.4365, 4.2651.

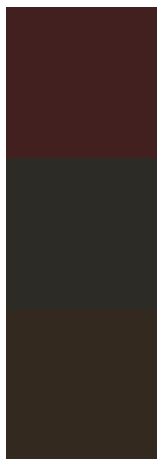


This preview shows how white text looks on a background with the HunterLab color 15.2663, 9.4365,

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

15.2663, 9.4365, 4.2651

Protanopia

15.5538, -1.0533, 2.8939

Deuteranopia

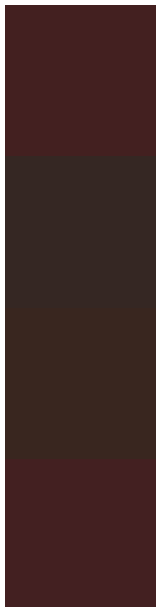
15.4383, 0.6456, 4.8071



Tritanopia

15.3030, 9.6126, 3.7345

Trichromacy



Original Color

15.2663, 9.4365, 4.2651

Protanomaly

15.2620, 2.4969, 3.2708

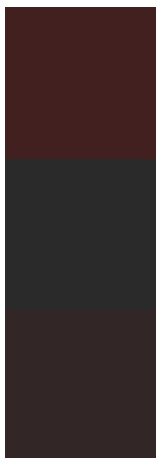
Deuteranomaly

15.3461, 3.7098, 4.5127

Tritanomaly

15.2844, 9.5233, 4.0034

Monochromacy



Original Color

15.2663, 9.4365, 4.2651

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

14.9331, 2.6531, 1.9676

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.2663, 9.4365, 4.2651 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(67, 32, 32)` looks like.

```
.text, #text, p{  
    color:rgb(67, 32, 32)  
}
```

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(67, 32, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 32, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 15.2663, 9.4365, 4.2651 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(67, 32, 32) }
```


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

```
.border{ border-color:rgb(67, 32, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 32, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 32, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 32, 32);  
box-shadow:4px 4px 4px 4px rgb(67, 32, 32)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.2663, 9.4365, 4.2651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 32, 32) }
```

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

```
.background{ background-color: rgb(67, 32,  
32) }
```

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