

Converting Colors

HunterLab(15.3934, 9.1150,
6.6081)

Have a look what the booklet for
HunterLab(15.3934, 9.1150, 6.6081)
contains.

HunterLab(15.3626, 9.4300, 6.5030)	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(15.3626, 9.4300,
6.5030)**

Conversions

Conversions Part 1

Format	Color
Hex	452017
RGB	69, 32, 23
RGB Percent	27%, 13%, 9%
CMY	0.7294, 0.8745, 0.9098
CMYK	0.00, 0.54, 0.67, 0.73
HSL	12°, 50%, 18%
HSV	12°, 67%, 27%
XYZ	3.1254, 2.3601, 1.1014
YIQ	42.0370, 24.9410, 5.0450

Conversions

Conversions Part 2

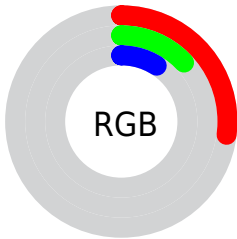
Format	Color
RYB	69, 34, 23
Decimal	4530199
CIELab	17.27, 16.76, 14.11
CIELCh	17, 21.915, 40.096
Yxy	2.3602, 0.4745, 0.3583
Android (android.graphics.Color)	4282720279 (0xFF452017)
YUV	42.0370, -9.3852, 23.6466
Hunter-Lab	15.3626, 9.4300, 6.5030

Details

The HunterLab color **15.3626, 9.4300, 6.5030** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **19.6044, -6.5984, -5.0629**, and the grayscale version is **15.2525, -0.8138, 0.8287**.

A 20% lighter version of the original color is **31.1355, 10.7717, 9.5591**, and **2.9252, 5.0094, 1.8902** is the 20% darker color. If you saturate the color by 10%, you get **14.3594, 11.2689, 7.0051**, and if you desaturate by 10%, it is **16.4809, 7.6168, 5.8939**.

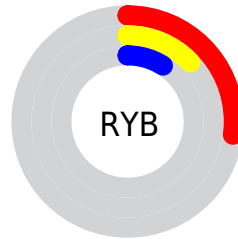
Distribution



 Red (27%)

 Green (13%)

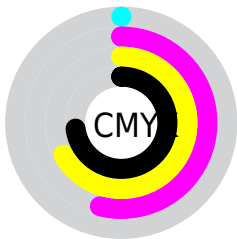
 Blue (9%)



 Red (27%)

 Yellow (13%)

 Blue (9%)

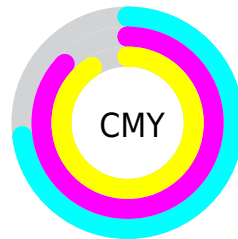


 Cyan (0%)

 Magenta (54%)

 Yellow (67%)

 Black (73%)



 Cyan (73%)

 Magenta (87%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.3626, 9.4300, 6.5030 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 15.3626, 9.4300, 6.5030 by changing the saturation by 10% instead.

■ 15.3626, 9.4300,
6.5030

■ 15.3626, 9.4300,
6.5030

■ 109.5524, 12.3014,
19.1382

■ 8.9739, 8.5718,
6.2817

■ 31.1236, 10.7672,
9.6063

0.0000, INF, NaN

0.0000, NaN, NaN

■ 40.2860, 11.2423,
11.0377

0.0000, NaN, NaN

■ 50.2042, 11.6140,
12.4273

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.8246, 11.8958,
13.7903

0.0000, NaN, NaN

■ 72.1034, 12.0981,
15.1367


0.0000, NaN, NaN


■ 84.0043, 12.2289,


0.0000, NaN, NaN


16.4738


 96.4962, 12.2949,
17.8064


 15.3626, 9.4300,
6.5030


 15.3626, 9.4300,
6.5030

 14.3594, 11.2689,
7.0051


 16.4809, 7.6168,
5.8939

 13.4838, 13.0863,
7.3761

 17.6994, 5.8630,
5.2007

 12.7356, 14.7522,
7.7984

 19.0063, 4.1837,
4.4433

 12.5143, 15.2521,
7.9783

 20.3907, 2.5848,
3.6368

 21.8433, 1.0655,
2.7930

■ 23.3562, -0.3782,
1.9202

■ 24.9228, -1.7526,
1.0246

■ 26.5373, -3.0642,
0.1107

■ 28.1951, -4.3200,
-0.8184

Harmonies

Analogous

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



15.3630, 12.8005, 2.6982



15.3626, 9.4300, 6.5030



15.3630, 3.4622, 8.2778

Triad

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



15.3630, 9.4290, 6.5032



15.3630, -10.5180, 4.2242



15.3630, 1.3305, -15.0891

Complementary

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



15.3626, 9.4300, 6.5030



19.6044, -6.5984, -5.0629

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.



15.3630, -4.6802, -14.1484



15.3626, 9.4300, 6.5030



15.3630, -10.9026, -1.2926

Square

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



15.3630, 9.4290, 6.5032



15.3630, -7.7834, 7.2413



15.3630, -8.9335, -8.4328



15.3630, 7.6569, -10.6461

Rectangle

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



15.3626, 9.4300, 6.5030



15.3630, -0.8406, 8.6310



15.3630, -8.9335, -8.4328



15.3630, -0.8005, -15.4237

Sweetspot

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



15.3630, 9.4290, 6.5032



27.5935, 2.1878, 4.0873



14.8670, 17.1016, -7.9032



14.2295, 1.2742, 2.2026



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.



15.3630, 9.4290, 6.5032



17.8967, 16.1921, 9.4367



20.0148, 0.1868, 9.9349



12.4616, -0.0536, 1.1321



17.7753, 23.4784, 11.3641



42.6088, 61.9168, 27.3393

Inverse Universe

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



19.6044, -6.5984, -5.0629



24.3361, -8.8830, -8.3199



14.0375, 2.2252, -15.0913



12.7940, -1.2571, 0.2376



25.7780, -9.5091, -11.6928



62.6253, -22.1013, -30.5658

Previews

White Background



This preview shows how the HunterLab color 15.3626, 9.4300, 6.5030 looks on a white background.

Color Contrast Check

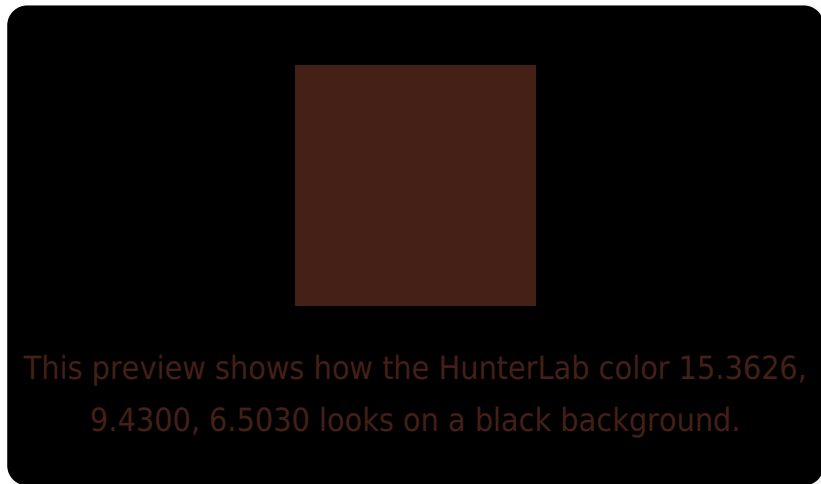
Large Text (above 18pt) WCAG AA ✓ Pass

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

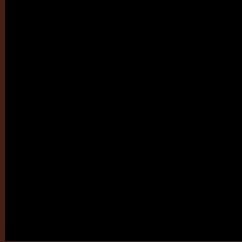
Any Text WCAG AA × Fail

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 15.3626, 9.4300, 6.5030 Background



This preview shows how black text looks on a background with the HunterLab color 15.3626, 9.4300, 6.5030.

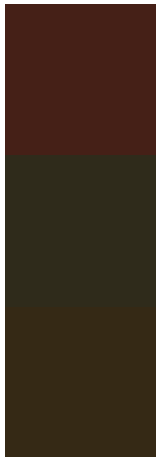


This preview shows how white text looks on a background with the HunterLab color 15.3626, 9.4300,

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

15.3626, 9.4300, 6.5030

Protanopia

15.5281, -1.4938, 5.5830

Deuteranopia

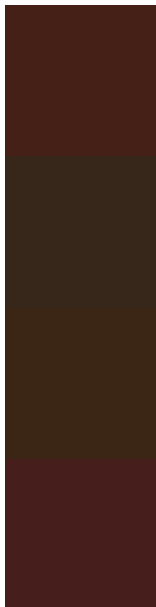
15.4819, 0.5371, 6.8323



Tritanopia

15.4657, 10.9106, 4.2049

Trichromacy



Original Color

15.3626, 9.4300, 6.5030

Protanomaly

15.2900, 2.2825, 5.6720

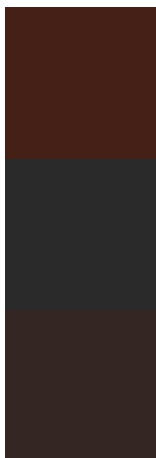
Deuteranomaly

15.4077, 3.6395, 6.6369

Tritanomaly

15.3973, 10.5873, 5.1971

Monochromacy



Original Color

15.3626, 9.4300, 6.5030

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

14.9587, 2.6120, 2.9607

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.3626, 9.4300, 6.5030 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(69, 32, 23)` looks like.

```
.text, #text, p{  
    color:rgb(69, 32, 23)  
}
```

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(69, 32, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 32, 23) }
```

Border

The CSS property to change the border of an element to HunterLab 15.3626, 9.4300, 6.5030 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(69, 32, 23) }
```


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

```
.border{ border-color:rgb(69, 32, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 32, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 32, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 32, 23);  
box-shadow:4px 4px 4px 4px rgb(69, 32, 23)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.3626, 9.4300, 6.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 32, 23) }
```

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

```
.background{ background-color: rgb(69, 32,  
23) }
```

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