

Converting Colors

HunterLab(15.4727, 13.8213,
4.1845)

Have a look what the booklet for
HunterLab(15.4727, 13.8213,
4.1845) contains.

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Color

**HunterLab(15.4581, 14.1504,
4.2542)**

Conversions

Conversions Part 1

Format	Color
Hex	4B1B21
RGB	75, 27, 33
RGB Percent	29%, 11%, 13%
CMY	0.7059, 0.8941, 0.8706
CMYK	0.00, 0.64, 0.56, 0.71
HSL	353°, 47%, 20%
HSV	353°, 64%, 29%
XYZ	3.5681, 2.3895, 1.7120
YIQ	42.0360, 26.6820, 12.0420

Conversions

Conversions Part 2

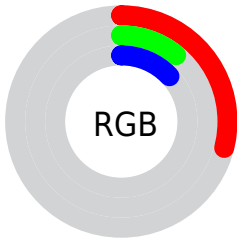
Format	Color
RYB	75, 27, 33
Decimal	4922145
CIELab	17.41, 23.40, 7.50
CIELCh	17, 24.575, 17.774
Yxy	2.3897, 0.4652, 0.3116
Android (android.graphics.Color)	4283112225 (0xFF4B1B21)
YUV	42.0360, -4.4547, 28.9094
Hunter-Lab	15.4581, 14.1504, 4.2542




Details

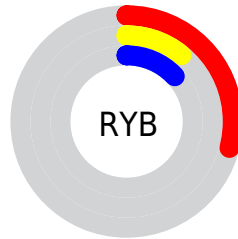
The HunterLab color **15.4581, 14.1504, 4.2542** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **23.8640, -11.5253, 0.5138**, and the grayscale version is **15.2363, -0.8130, 0.8278**.




A 20% lighter version of the original color is **31.3256, 16.2625, 6.2984**, and **4.5702, 7.8745, 2.5814** is the 20% darker color. If you saturate the color by 10%, you get **14.3365, 16.4281, 4.9732**, and if you desaturate by 10%, it is **16.7902, 11.6935, 3.5987**.

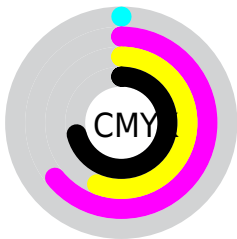
Distribution







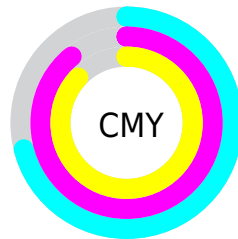
-  Red (29%)
-  Green (11%)
-  Blue (13%)






-  Red (29%)
-  Yellow (11%)
-  Blue (13%)



-  Cyan (0%)
-  Magenta (64%)
-  Yellow (56%)
-  Black (71%)



-  Cyan (71%)
-  Magenta (89%)
-  Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.4581, 14.1504, 4.2542 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 15.4581, 14.1504, 4.2542 by changing the saturation by 10% instead.

■ 15.4581, 14.1504,
4.2542

■ 15.4581, 14.1504,
4.2542

109.7361, 19.8068,
13.2051

■ 9.0585, 12.9342,
3.9259

■ 31.2444, 16.1946,
6.2394

0.0000, INF, NaN

0.0000, NaN, NaN

■ 40.4176, 17.0053,
7.2110

0.0000, NaN, NaN

■ 50.3459, 17.6980,
8.1837

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.9756, 18.2870,
9.1634

0.0000, NaN, NaN

■ 72.2632, 18.7840,
10.1534

0.0000, NaN, NaN

■ 84.1724, 19.1980,

0.0000, NaN, NaN

11.1561

■ 96.6723, 19.5369,
12.1730

■ 15.4581, 14.1504,
4.2542

■ 15.4581, 14.1504,
4.2542

■ 14.3365, 16.4281,
4.9732

■ 16.7902, 11.6935,
3.5987

■ 13.4496, 18.3793,
5.7176

■ 18.3036, 9.1748,
3.0243

■ 12.7416, 20.0830,
6.3816

■ 19.9724, 6.6657,
2.5359

■ 12.3142, 21.2552,
6.6643

■ 21.7733, 4.2061,
2.1297

■ 23.6871, 1.8136,
1.7979

■ 25.6978, -0.5074,
1.5314

■ 27.7926, -2.7597,
1.3214

■ 29.9610, -4.9495,
1.1597

■ 32.1945, -7.0844,
1.0394

Harmonies

Analogous

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



15.4585, 14.6055, -2.1148



15.4581, 14.1504, 4.2542



15.4585, 9.2715, 7.6506

Triad

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



15.4585, 14.1493, 4.2545



15.4585, -9.5642, 7.1996



15.4585, -3.5673, -17.5676

Complementary

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



15.4581, 14.1504, 4.2542



23.8640, -11.5253, 0.5138

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.



15.4585, -8.8533, -11.9180



15.4581, 14.1504, 4.2542



15.4585, -11.8804, 3.3091

Square

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



15.4585, 14.1493, 4.2545



15.4585, -4.7143, 9.0461



15.4585, -11.6457, -3.5870



15.4585, 3.4900, -16.9301

Rectangle

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



15.4581, 14.1504, 4.2542



15.4585, 4.5876, 8.8710



15.4585, -11.6457, -3.5870



15.4585, -5.5833, -16.2645

Sweetspot

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



15.4585, 14.1493, 4.2545



29.4030, 4.1273, 2.5762



15.9456, 17.8571, -14.6127



14.5814, 2.3035, 1.3264



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.



15.4585, 14.1493, 4.2545



17.9525, 22.9408, 7.0421



18.4974, 6.4494, 8.1867



13.0618, 0.3020, 0.8704



16.8914, 29.0952, 9.6112



41.0213, 70.4627, 24.8608

Inverse Universe

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



15.4585, 14.1493, 4.2545



17.9525, 22.9408, 7.0421



19.2539, -3.9802, -8.7037



13.0618, 0.3020, 0.8704



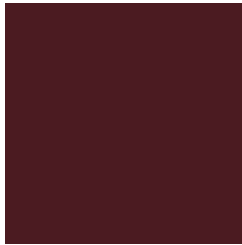
16.8914, 29.0952, 9.6112



41.0213, 70.4627, 24.8608

Previews

White Background



This preview shows how the HunterLab color 15.4581, 14.1504, 4.2542 looks on a white background.

Color Contrast Check

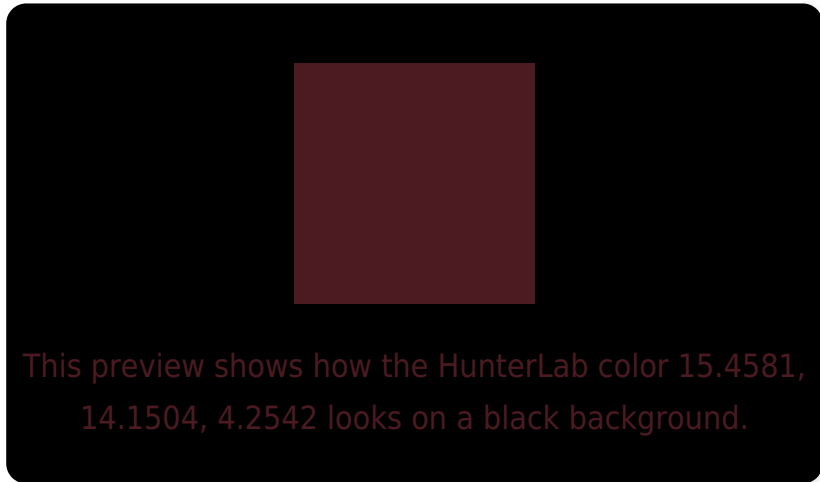
Large Text (above 18pt) WCAG AA ✓ Pass

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

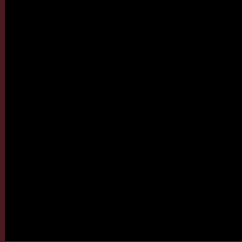
Any Text WCAG AA × Fail

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 15.4581, 14.1504, 4.2542 Background



This preview shows how black text looks on a background with the HunterLab color 15.4581, 14.1504, 4.2542.

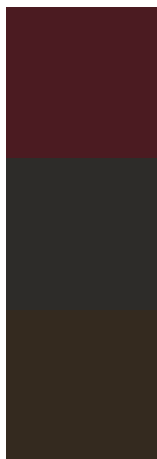


This preview shows how white text looks on a background with the HunterLab color 15.4581, 14.1504,

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

15.4581, 14.1504, 4.2542

Protanopia

15.8725, -0.9766, 1.9272

Deuteranopia

15.7636, 0.6258, 4.8487



Tritanopia

15.5405, 13.4498, 5.3767

Trichromacy



Original Color

15.4581, 14.1504, 4.2542

Protanomaly

15.3848, 4.0996, 2.4850

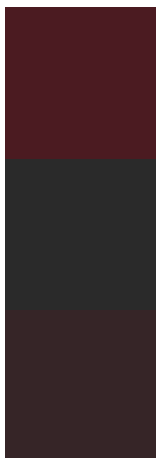
Deuteranomaly

15.4534, 5.1344, 4.3694

Tritanomaly

15.5567, 13.5235, 5.1414

Monochromacy



Original Color

15.4581, 14.1504, 4.2542

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.0130, 4.0354, 1.7411

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.4581, 14.1504, 4.2542 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, 27, 33)` looks like.

```
.text, #text, p{  
    color:rgb(75, 27, 33)  
}
```

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, 27, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 27, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 15.4581, 14.1504, 4.2542 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, 27, 33) }
```


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

```
.border{ border-color:rgb(75, 27, 33) }
```

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

Here you see how a box with a 4 pixel rgb(75, 27, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 27, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 27, 33);  
box-shadow:4px 4px 4px 4px rgb(75, 27, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.4581, 14.1504, 4.2542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 27, 33) }
```

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

```
.background{ background-color: rgb(75, 27,  
33) }
```

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](#).

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