

Converting Colors

HunterLab(16.4550, 15.9043,
1.5460)

Have a look what the booklet for
HunterLab(16.4550, 15.9043,
1.5460) contains.

HunterLab(16.5241, 15.7775, 1.5504)	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(16.5241, 15.7775,
1.5504)**

Conversions

Conversions Part 1

Format	Color
Hex	4F1D2D
RGB	79, 29, 45
RGB Percent	31%, 11%, 18%
CMY	0.6902, 0.8863, 0.8235
CMYK	0.00, 0.63, 0.43, 0.69
HSL	341°, 46%, 21%
HSV	341°, 63%, 31%
XYZ	4.1375, 2.7305, 2.7916
YIQ	45.7740, 24.6640, 15.5760

Conversions

Conversions Part 2

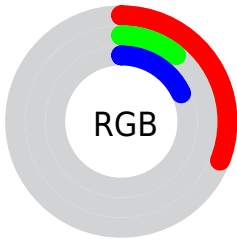
Format	Color
RYB	79, 29, 45
Decimal	5184813
CIELab	18.93, 25.32, 1.25
CIElCh	19, 25.355, 2.829
Yxy	2.7306, 0.4283, 0.2827
Android (android.graphics.Color)	4283374893 (0xFF4F1D2D)
YUV	45.7740, -0.3816, 29.1392
Hunter-Lab	16.5241, 15.7775, 1.5504

Details

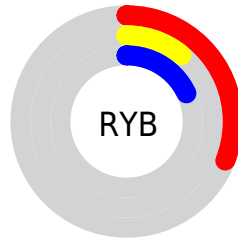
The HunterLab color **16.5241, 15.7775, 1.5504** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **24.9242, -13.5377, 3.9335**, and the grayscale version is **16.4503, -0.8777, 0.8938**.

A 20% lighter version of the original color is **32.4286, 17.9305, 2.6112**, and **5.8504, 10.0565, 3.4900** is the 20% darker color. If you saturate the color by 10%, you get **15.3397, 18.2028, 2.1394**, and if you desaturate by 10%, it is **17.9245, 13.1144, 1.1531**.

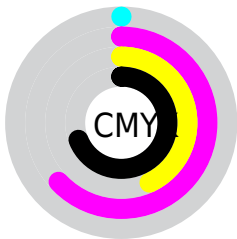
Distribution



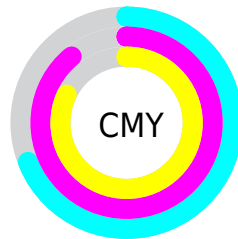
- Red (31%)
- Green (11%)
- Blue (18%)



- Red (31%)
- Yellow (11%)
- Blue (18%)



- Cyan (0%)
- Magenta (63%)
- Yellow (43%)
- Black (69%)












- Cyan (69%)
- Magenta (89%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.5241, 15.7775, 1.5504 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 16.5241, 15.7775, 1.5504 by changing the saturation by 10% instead.

 16.5241, 15.7775, 1.5504	 16.5241, 15.7775, 1.5504
111.7682, 22.0611, 7.3342	 9.9637, 14.4565, 1.0880
 32.5866, 17.9641, 2.5968	0.0000, INF, NaN
 41.8785, 18.8479, 3.1762	0.0000, NaN, NaN
 51.9165, 19.6130, 3.7906	0.0000, NaN, NaN
 62.6487, 20.2731, 4.4383	0.0000, NaN, NaN
 74.0329, 20.8395, 5.1178	0.0000, NaN, NaN
 86.0337, 21.3214,	0.0000, NaN, NaN

5.8277

98.6208, 21.7265,
6.5669

16.5241, 15.7775,
1.5504

16.5241, 15.7775,
1.5504

15.3397, 18.2028,
2.1394

17.9245, 13.1144,
1.1531

14.3955, 20.2333,
2.9117

19.5117, 10.3422,
0.9344

13.6584, 21.8696,
3.7860

21.2595, 7.5439,
0.8734

13.1668, 23.0908,
4.3052

23.1445, 4.7687,
0.9465

25.1469, 2.0416,
1.1318

■ 27.2506, -0.6275,
1.4102

■ 29.4423, -3.2377,
1.7657

■ 31.7112, -5.7925,
2.1857

■ 34.0484, -8.2976,
2.6598

Harmonies

Analogous

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



16.5245, 13.7000, -6.5117



16.5241, 15.7775, 1.5504



16.5245, 12.7824, 6.6636

Triad

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



16.5245, 15.7764, 1.5508



16.5245, -7.8815, 8.7241



16.5245, -6.8657, -16.1371

Complementary

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



16.5241, 15.7775, 1.5504



24.9242, -13.5377, 3.9335

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.



16.5245, -11.1794, -8.1989



16.5241, 15.7775, 1.5504



16.5245, -11.6896, 5.9450

Square

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



16.5245, 15.7764, 1.5508



16.5245, -1.5759, 9.7321



16.5245, -12.7829, 0.2205



16.5245, -0.1777, -19.0090

Rectangle

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



16.5241, 15.7775, 1.5504



16.5245, 8.5751, 8.4477



16.5245, -12.7829, 0.2205



16.5245, -8.5989, -13.8410

Sweetspot

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



16.5245, 15.7764, 1.5508



31.0991, 4.9217, 1.3058



15.7428, 16.1981, -17.8747



15.3207, 2.7371, 0.6351



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



16.5245, 15.7764, 1.5508



19.2929, 25.2333, 3.3034



17.5929, 10.9973, 7.1152



13.0789, 0.3943, 0.6266



17.1247, 29.9560, 6.1869



41.5056, 72.2525, 17.7286

Inverse Universe

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



16.5245, 15.7764, 1.5508



19.2929, 25.2333, 3.3034



23.0001, -8.0411, -5.0368



13.0789, 0.3943, 0.6266



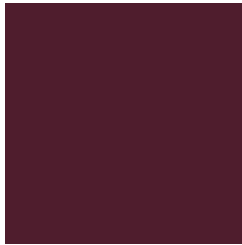
17.1247, 29.9560, 6.1869



41.5056, 72.2525, 17.7286

Previews

White Background



This preview shows how the HunterLab color 16.5241, 15.7775, 1.5504 looks on a white background.

Color Contrast Check

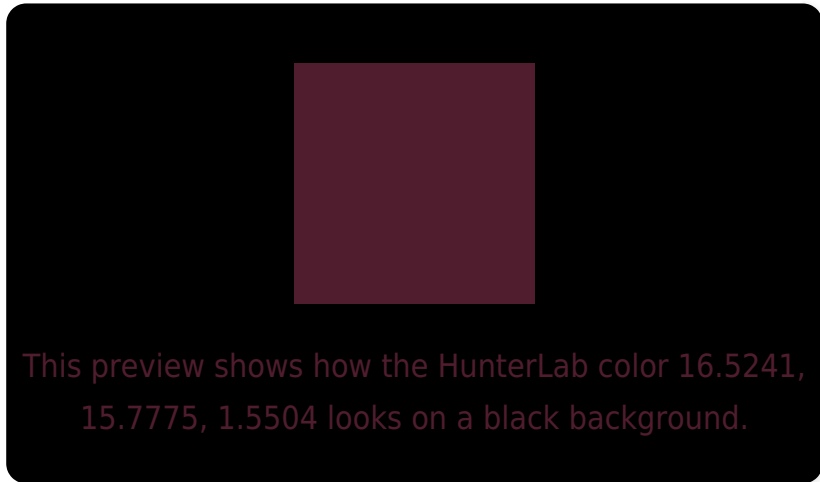
Large Text (above 18pt) WCAG AA ✓ Pass

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

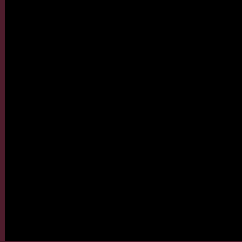
Any Text WCAG AA × Fail

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 16.5241, 15.7775, 1.5504 Background



This preview shows how black text looks on a background with the HunterLab color 16.5241, 15.7775, 1.5504.



This preview shows how white text looks on a background with the HunterLab color 16.5241, 15.7775,

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

16.5241, 15.7775, 1.5504

Protanopia

16.9315, -0.2346, -2.2279

Deuteranopia

16.7573, 0.9546, 2.2560



Tritanopia

16.4605, 13.5555, 5.1975

Trichromacy



Original Color

16.5241, 15.7775, 1.5504

Protanomaly

16.2063, 5.1626, -1.3815

Deuteranomaly

16.3004, 6.1524, 1.4846

Tritanomaly

16.3763, 14.2882, 4.0043

Monochromacy



Original Color

16.5241, 15.7775, 1.5504

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.1690, 4.7883, 0.5691

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.5241, 15.7775, 1.5504 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(79, 29, 45)` looks like.

```
.text, #text, p{  
    color:rgb(79, 29, 45)  
}
```

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(79, 29, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 29, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 16.5241, 15.7775, 1.5504 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(79, 29, 45) }
```


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

```
.border{ border-color:rgb(79, 29, 45) }
```

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

Here you see how a box with a 4 pixel rgb(79, 29, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 29, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 29, 45);  
box-shadow:4px 4px 4px 4px rgb(79, 29, 45)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.5241, 15.7775, 1.5504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 29, 45) }
```

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

```
.background{ background-color: rgb(79, 29,  
45) }
```

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