

Converting Colors

HunterLab(15.5844, 21.8603,
-8.1170)

Have a look what the booklet for
HunterLab(15.5844, 21.8603,
-8.1170) contains.

HunterLab(15.5280, 21.7432, -8.0069)	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(15.5280, 21.7432,
-8.0069)**

Conversions

Conversions Part 1

Format	Color
Hex	4E123F
RGB	78, 18, 63
RGB Percent	31%, 7%, 25%
CMY	0.6941, 0.9294, 0.7529
CMYK	0.00, 0.77, 0.19, 0.69
HSL	315°, 62%, 19%
HSV	315°, 77%, 31%
XYZ	4.2554, 2.4112, 4.9437
YIQ	41.0700, 21.3150, 26.7150

Conversions

Conversions Part 2

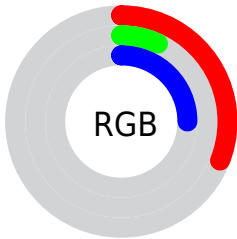
Format	Color
R_{YB}	78, 18, 63
Decimal	5116479
CIE _{Lab}	17.51, 33.09, -13.57
CIE _{LCh}	18, 35.767, 337.704
Yxy	2.4113, 0.3665, 0.2077
Android (android.graphics.Color)	4283306559 (0xFF4E123F)
YUV	41.0700, 10.8115, 32.3876
Hunter-Lab	15.5280, 21.7432, -8.0069

Details

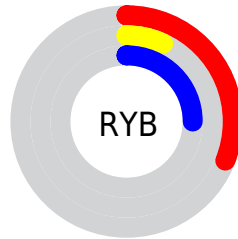
The HunterLab color **15.5280, 21.7432, -8.0069** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **23.8480, -17.4194, 10.8123**, and the grayscale version is **14.8753, -0.7937, 0.8082**.

A 20% lighter version of the original color is **31.3514, 24.4437, -8.6942**, and **5.9798, 11.0852, -2.6831** is the 20% darker color. If you saturate the color by 10%, you get **14.7603, 23.7071, -8.2521**, and if you desaturate by 10%, it is **16.5254, 19.2516, -7.3957**.

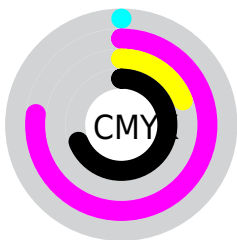
Distribution



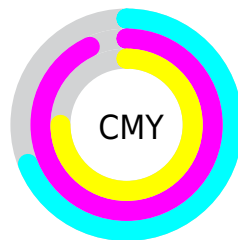
- Red (31%)
- Green (7%)
- Blue (25%)



- Red (31%)
- Yellow (7%)
- Blue (25%)



- Cyan (0%)
- Magenta (77%)
- Yellow (19%)
- Black (69%)












- Cyan (69%)
- Magenta (93%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.5280, 21.7432, -8.0069 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 15.5280, 21.7432, -8.0069 by changing the saturation by 10% instead.

 15.5280, 21.7432, -8.0069	 15.5280, 21.7432, -8.0069
109.8703, 31.0981, -8.4612	 9.1197, 20.2044, -7.6339
 31.3327, 24.6465, -8.5966	0.0000, INF, -NF
	0.0000, NaN, NaN
 40.5138, 25.8974, -8.7727	0.0000, NaN, NaN
	0.0000, NaN, NaN
 50.4494, 27.0211, -8.8746	0.0000, NaN, NaN
	0.0000, NaN, NaN
 61.0860, 28.0288, -8.9083	0.0000, NaN, NaN
	0.0000, NaN, NaN
 72.3800, 28.9315, -8.8793	0.0000, NaN, NaN
	0.0000, NaN, NaN
 84.2953, 29.7386,	0.0000, NaN, NaN

-8.7924

96.8009, 30.4585,
-8.6518

15.5280, 21.7432,
-8.0069

15.5280, 21.7432,
-8.0069

14.7603, 23.7071,
-8.2521

16.5254, 19.2516,
-7.3957

14.1021, 25.4459,
-8.3183

17.7349, 16.3977,
-6.4851

13.8935, 26.0286,
-8.3512

19.1349, 13.3281,
-5.3459

20.7021, 10.1567,
-4.0425

22.4143, 6.9604,
-2.6256

■ 24.2522, 3.7858,
-1.1323

■ 26.1987, 0.6579,
0.4114

■ 28.2400, -2.4123,
1.9882

■ 30.3644, -5.4225,
3.5869

Harmonies

Analogous

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



15.5284, 13.0430, -22.2749



15.5280, 21.7432, -8.0069



15.5284, 23.7116, 3.1394

Triad

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



15.5284, 21.7422, -8.0063



15.5284, -3.3666, 10.8699



15.5284, -13.4776, -15.3942

Complementary

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



15.5280, 21.7432, -8.0069



23.8480, -17.4194, 10.8123

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.



15.5284, -15.8533, -1.8630



15.5280, 21.7432, -8.0069



15.5284, -11.0770, 10.3638

Square

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



15.5284, 21.7422, -8.0063



15.5284, 7.3147, 10.8699



15.5284, -15.1047, 6.3793



15.5284, -7.5785, -28.1275

Rectangle

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



15.5280, 21.7432, -8.0069



15.5284, 20.5730, 7.2485



15.5284, -15.1047, 6.3793



15.5284, -14.6350, -10.5390

Sweetspot

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



15.5284, 21.7422, -8.0063



30.3276, 7.9025, -2.8721



11.4287, 14.6541, -30.0937



14.8940, 4.3759, -1.6333



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.



15.5284, 21.7422, -8.0063



18.8673, 32.8543, -10.7686



14.7046, 18.3659, 3.5802



13.1178, 0.6037, 0.0731



18.3127, 34.2484, -10.5490



44.4113, 82.7728, -23.3723

Inverse Universe

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



15.5284, 21.7422, -8.0063



18.8673, 32.8543, -10.7686



24.3646, -14.2772, 3.3194



13.1178, 0.6037, 0.0731



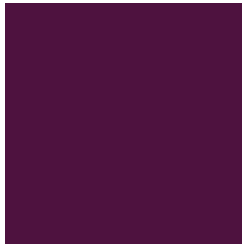
18.3127, 34.2484, -10.5490



44.4113, 82.7728, -23.3723

Previews

White Background



This preview shows how the HunterLab color 15.5280, 21.7432, -8.0069 looks on a white background.

Color Contrast Check

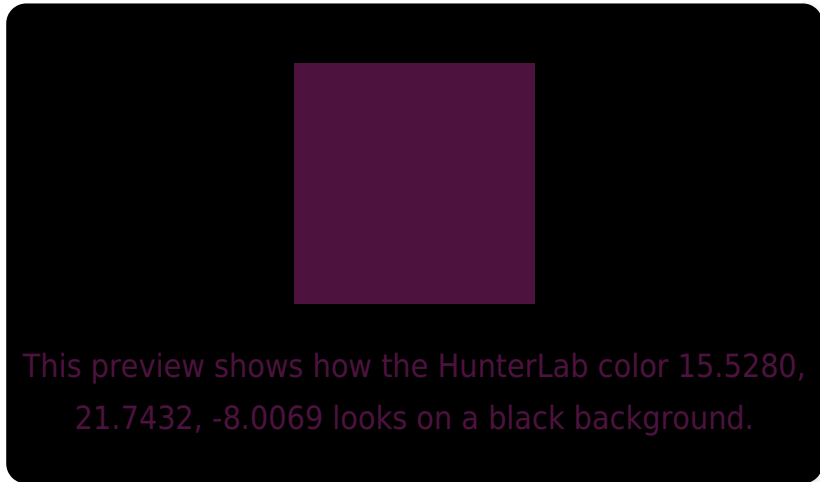
Large Text (above 18pt) WCAG AA ✓ Pass

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

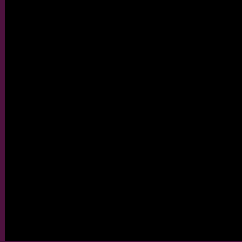
Any Text WCAG AA × Fail

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 15.5280, 21.7432, -8.0069 Background



This preview shows how black text looks on a background with the HunterLab color 15.5280, 21.7432, -8.0069.



This preview shows how white text looks on a background with the HunterLab color 15.5280, 21.7432, -8.0069.

-8.0069.

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

15.5280, 21.7432, -8.0069

Protanopia

16.0064, 3.6689, -21.1413

Deuteranopia

16.0890, 0.7407, -5.3210



Tritanopia

15.7274, 13.2033, 5.0354

Trichromacy



Original Color

15.5280, 21.7432, -8.0069

Protanomaly

14.8369, 9.1082, -18.0215

Deuteranomaly

15.2072, 7.8730, -7.1589

Tritanomaly

15.5119, 16.1697, 1.1057

Monochromacy



Original Color

15.5280, 21.7432, -8.0069

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

14.4697, 6.9930, -2.8677

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.5280, 21.7432, -8.0069 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(78, 18, 63)` looks like.

```
.text, #text, p{  
    color:rgb(78, 18, 63)  
}
```

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(78, 18, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 18, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 15.5280, 21.7432, -8.0069 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(78, 18, 63) }
```


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

```
.border{ border-color:rgb(78, 18, 63) }
```

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

Here you see how a box with a 4 pixel rgb(78, 18, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 18, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 18, 63);  
box-shadow:4px 4px 4px 4px rgb(78, 18, 63)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.5280, 21.7432, -8.0069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 18, 63) }
```

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

```
.background{ background-color: rgb(78, 18,  
63) }
```

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