

Converting Colors

HunterLab(27.4513, 40.1378,
13.3625)

Have a look what the booklet for
HunterLab(27.4513, 40.1378,
13.3625) contains.

HunterLab(27.4160, 40.1614, 13.2553)	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(27.4160, 40.1614,
13.2553)**

Conversions

Conversions Part 1

Format	Color
Hex	971B28
RGB	151, 27, 40
RGB Percent	59%, 11%, 16%
CMY	0.4078, 0.8941, 0.8431
CMYK	0.00, 0.82, 0.74, 0.41
HSL	354°, 70%, 35%
HSV	354°, 82%, 59%
XYZ	13.5374, 7.5164, 2.7448
YIQ	65.5580, 69.7310, 30.3310

Conversions

Conversions Part 2

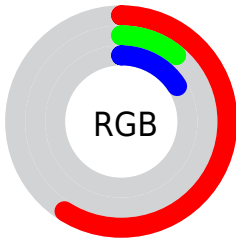
Format	Color
RYB	151, 27, 40
Decimal	9902888
CIELab	32.96, 50.10, 25.76
CIELCh	33, 56.338, 27.212
Yxy	7.5168, 0.5688, 0.3158
Android (android.graphics.Color)	4288092968 (0xFF971B28)
YUV	65.5580, -12.6001, 74.9326
Hunter-Lab	27.4160, 40.1614, 13.2553

Details

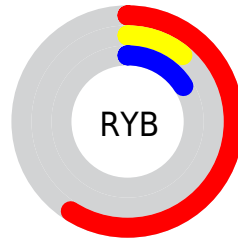
The HunterLab color **27.4160, 40.1614, 13.2553** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **49.1950, -27.6484, 0.8463**, and the grayscale version is **23.2138, -1.2386, 1.2612**.

A 20% lighter version of the original color is **45.8277, 43.4771, 17.8809**, and **15.0841, 25.8320, 9.7470** is the 20% darker color. If you saturate the color by 10%, you get **26.2998, 42.7826, 14.6874**, and if you desaturate by 10%, it is **29.1632, 36.1782, 11.6281**.

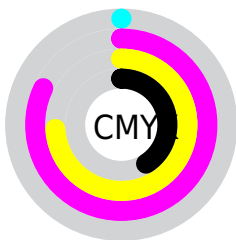
Distribution



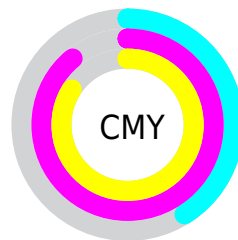
- Red (59%)
- Green (11%)
- Blue (16%)



- Red (59%)
- Yellow (11%)
- Blue (16%)



- Cyan (0%)
- Magenta (82%)
- Yellow (74%)
- Black (41%)



- Cyan (41%)
- Magenta (89%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.4160, 40.1614, 13.2553 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 27.4160, 40.1614, 13.2553 by changing the saturation by 10% instead.

27.4160, 40.1614,
13.2553

27.4160, 40.1614,
13.2553

131.1074, 53.6183,
31.6103

19.4612, 38.2129,
10.6801

45.8319, 43.8761,
17.8624

12.4713, 36.4136,
8.7299

56.1549, 45.5771,
19.9893

5.7202, 44.3248,
4.0042

67.1542, 47.1665,
22.0378

0.0000, INF, NaN

0.0000, NaN, NaN

78.7905, 48.6483,
24.0265

0.0000, NaN, NaN

91.0307, 50.0282,
25.9690

0.0000, NaN, NaN

103.8462, 51.3126,

0.0000, NaN, NaN

27.8755

0.0000, NaN, NaN

117.2124, 52.5074,
29.7539

27.4160, 40.1614,
13.2553

27.4160, 40.1614,
13.2553

26.2998, 42.7826,
14.6874

29.1632, 36.1782,
11.6281

25.7218, 44.1928,
15.5096

31.5152, 31.2244,
9.9652

34.4118, 25.7230,
8.3926

37.7780, 20.0132,
6.9825

41.5412, 14.3123,
5.7617

■ 45.6374, 8.7361,
4.7285

■ 50.0139, 3.3328,
3.8669

■ 54.6282, -1.8882,
3.1555

■ 59.4462, -6.9371,
2.5730

Harmonies

Analogous

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



27.4168, 46.5539, -0.2879



27.4160, 40.1614, 13.2553



27.4168, 21.7688, 17.7619

Triad

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



27.4168, 40.1584, 13.2558



27.4168, -26.2814, 14.5835



27.4168, -3.2529, -62.7515

Complementary

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



27.4160, 40.1614, 13.2553



49.1950, -27.6484, 0.8463

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.



27.4168, -18.8635, -48.1484



27.4160, 40.1614, 13.2553



27.4168, -29.6356, 3.1607

Square

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



27.4168, 40.1584, 13.2558



27.4168, -16.5061, 18.1762



27.4168, -27.3531, -20.1646



27.4168, 17.7375, -52.4372

Rectangle

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



27.4160, 40.1614, 13.2553



27.4168, 7.2789, 18.9077



27.4168, -27.3531, -20.1646



27.4168, -9.2330, -60.4480

Sweetspot

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



27.4168, 40.1584, 13.2558



59.1711, 14.1956, 6.7695



28.8059, 50.0893, -41.6346



27.3642, 7.9185, 3.4403



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



27.4168, 40.1584, 13.2558



34.4740, 58.8918, 20.9395



34.1004, 21.1734, 19.5792



24.9653, 0.8818, 1.7746



23.7293, 40.7789, 14.2350



2.9429, 5.1392, 1.1306

Inverse Universe

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



27.4168, 40.1584, 13.2558



34.4740, 58.8918, 20.9395



35.0170, -5.5365, -28.0924



24.9653, 0.8818, 1.7746



23.7293, 40.7789, 14.2350



2.9429, 5.1392, 1.1306

Previews

White Background



This preview shows how the HunterLab color 27.4160, 40.1614, 13.2553 looks on a white background.

Color Contrast Check

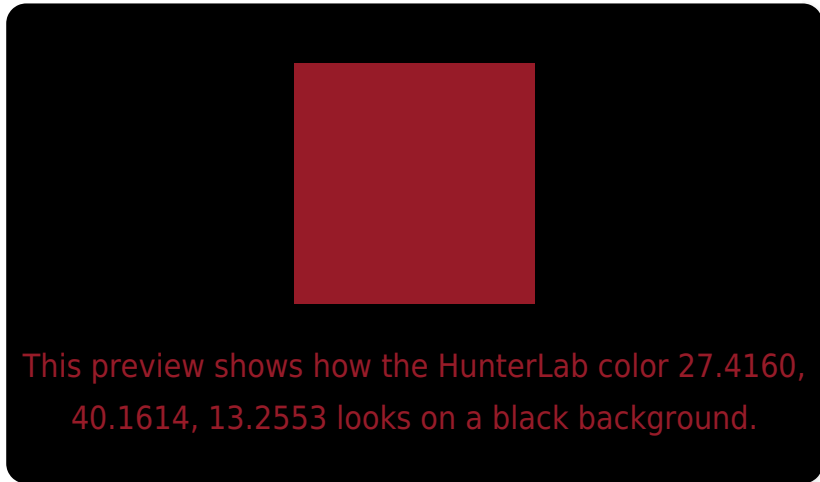
Large Text (above 18pt) WCAG AA ✓ Pass

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

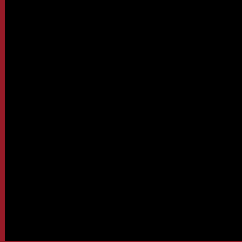
Any Text WCAG AA × Fail

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 27.4160, 40.1614, 13.2553 Background



This preview shows how black text looks on a background with the HunterLab color 27.4160, 40.1614, 13.2553.

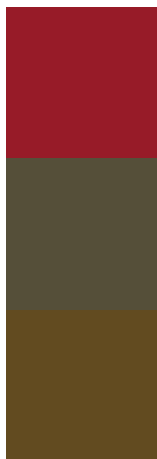


This preview shows how white text looks on a background with the HunterLab color 27.4160, 40.1614,

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

27.4160, 40.1614, 13.2553

Protanopia

27.9619, -2.4548, 8.9792

Deuteranopia

27.8085, 1.4912, 14.2481



Tritanopia

27.4713, 39.1476, 15.1043

Trichromacy



Original Color

27.4160, 40.1614, 13.2553

Protanomaly

25.9267, 13.2872, 9.0463

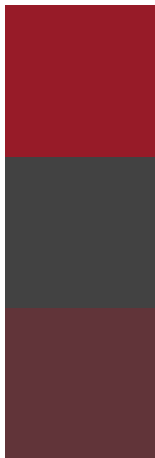
Deuteranomaly

26.3237, 15.9966, 12.9191

Tritanomaly

27.4219, 39.5776, 14.4792

Monochromacy



Original Color

27.4160, 40.1614, 13.2553

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

23.0060, 13.2465, 4.4322

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.4160, 40.1614, 13.2553 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(151, 27, 40)` looks like.

```
.text, #text, p{  
    color:rgb(151, 27, 40)  
}
```

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(151, 27, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 27, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 27.4160, 40.1614, 13.2553 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(151, 27, 40) }
```


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

```
.border{ border-color:rgb(151, 27, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 27, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 27, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 27, 40);  
box-shadow:4px 4px 4px 4px rgb(151, 27,  
40) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.4160, 40.1614, 13.2553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 27, 40) }
```

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

```
.background{ background-color: rgb(151, 27,  
40) }
```

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