

Converting Colors

HunterLab(27.8563, 40.1632,
-0.4800)

Have a look what the booklet for
HunterLab(27.8563, 40.1632,
-0.4800) contains.

HunterLab(27.8628, 40.0368, -0.4183)	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(27.8628, 40.0368,
-0.4183)**

Conversions

Conversions Part 1

Format	Color
Hex	912155
RGB	145, 33, 85
RGB Percent	57%, 13%, 33%
CMY	0.4314, 0.8706, 0.6667
CMYK	0.00, 0.77, 0.41, 0.43
HSL	332°, 63%, 35%
HSV	332°, 77%, 57%
XYZ	13.8606, 7.7634, 9.3623
YIQ	72.4160, 50.0600, 39.9160

Conversions

Conversions Part 2

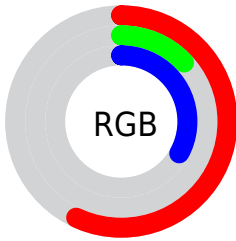
Format	Color
R_{YB}	145, 33, 85
Decimal	9511253
CIE _{Lab}	33.49, 49.88, -2.95
CIE _{LCh}	33, 49.966, 356.610
Yxy	7.7638, 0.4473, 0.2505
Android (android.graphics.Color)	4287701333 (0xFF912155)
YUV	72.4160, 6.2039, 63.6562
Hunter-Lab	27.8628, 40.0368, -0.4183

Details

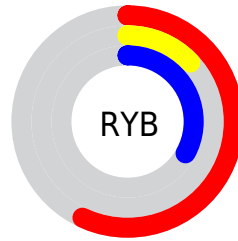
The HunterLab color **27.8628, 40.0368, -0.4183** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **46.2220, -31.7318, 14.6402**, and the grayscale version is **25.5718, -1.3644, 1.3894**.

A 20% lighter version of the original color is **46.4656, 43.8204, 0.1511**, and **15.0899, 26.8571, 1.8809** is the 20% darker color. If you saturate the color by 10%, you get **26.4729, 43.0105, 1.2441**, and if you desaturate by 10%, it is **29.7991, 35.7840, -1.5095**.

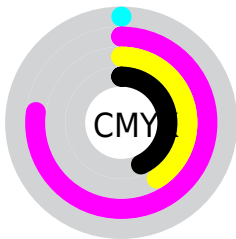
Distribution



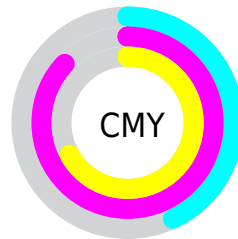
- Red (57%)
- Green (13%)
- Blue (33%)



- Red (57%)
- Yellow (13%)
- Blue (33%)



- Cyan (0%)
- Magenta (77%)
- Yellow (41%)
- Black (43%)



- Cyan (43%)
- Magenta (87%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.8628, 40.0368, -0.4183 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 27.8628, 40.0368, -0.4183 by changing the saturation by 10% instead.

■ 27.8628, 40.0368,
-0.4183

■ 27.8628, 40.0368,
-0.4183

■ 131.8588, 53.3817,
4.0013

■ 19.8599, 38.0924,
-0.6617

■ 46.3617, 43.7289,
0.2542

■ 12.8155, 36.2752,
-0.8304

■ 56.7217, 45.4164,
0.6677

■ 6.2123, 41.5451,
-1.6333

■ 67.7557, 46.9922,
1.1268

0.0000, INF, NaN

0.0000, NaN, NaN

■ 79.4248, 48.4607,
1.6278

0.0000, NaN, NaN

■ 91.6961, 49.8278,
2.1679

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.5415, 51.0997,

2.7449

0.0000, NaN, NaN

117.9363, 52.2825,
3.3566

■ 27.8628, 40.0368,
-0.4183

■ 27.8628, 40.0368,
-0.4183

■ 26.4729, 43.0105,
1.2441

■ 29.7991, 35.7840,
-1.5095

■ 25.5777, 44.6309,
3.3156

■ 32.2434, 30.6359,
-2.0168

■ 25.3551, 45.0346,
3.8781

■ 35.1399, 24.9601,
-1.9918

■ 38.4265, 19.0413,
-1.5173

■ 42.0451, 13.0647,
-0.6794

■ 45.9455, 7.1359,
0.4462

■ 50.0858, 1.3061,
1.7985

■ 54.4320, -4.4062,
3.3301

■ 58.9564, -10.0007,
5.0051

Harmonies

Analogous

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



27.8636, 32.0286, -22.0827



27.8628, 40.0368, -0.4183



27.8636, 34.8693, 12.2835

Triad

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



27.8636, 40.0344, -0.4175



27.8636, -14.8619, 17.5615



27.8636, -17.5154, -39.8746

Complementary

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



27.8628, 40.0368, -0.4183



46.2220, -31.7318, 14.6402

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.



27.8636, -25.4041, -16.6763



27.8628, 40.0368, -0.4183



27.8636, -24.1547, 13.9055

Square

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



27.8636, 40.0344, -0.4175



27.8636, 0.5035, 18.3358



27.8636, -27.5010, 3.3214



27.8636, -3.4256, -52.0670

Rectangle

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



27.8628, 40.0368, -0.4183



27.8636, 25.2030, 16.0951



27.8636, -27.5010, 3.3214



27.8636, -20.8344, -32.6086

Sweetspot

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



27.8636, 40.0344, -0.4175



58.1857, 14.4907, -0.3837



23.3366, 36.7408, -53.0361



26.6577, 8.0574, -0.3972



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



27.8636, 40.0344, -0.4175



34.4879, 59.2553, 3.8068



27.2703, 34.7858, 14.2833



23.3733, 1.1494, 0.7221



23.4933, 41.7484, 3.4340



2.3906, 4.4195, -0.9790

Inverse Universe

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



27.8636, 40.0344, -0.4175



34.4879, 59.2553, 3.8068



46.3642, -22.2231, -6.0760



23.3733, 1.1494, 0.7221



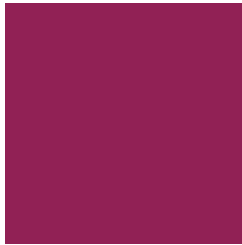
23.4933, 41.7484, 3.4340



2.3906, 4.4195, -0.9790

Previews

White Background



This preview shows how the HunterLab color 27.8628, 40.0368, -0.4183 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



This preview shows how the HunterLab color 27.8628, 40.0368, -0.4183 looks on a 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 27.8628, 40.0368, -0.4183 Background



This preview shows how black text looks on a background with the HunterLab color 27.8628, 40.0368, -0.4183.



This preview shows how white text looks on a background with the HunterLab color 27.8628, 40.0368, -0.4183.

-0.4183.

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

27.8628, 40.0368, -0.4183

Protanopia

28.4114, 2.3478, -15.6735

Deuteranopia

28.4394, 1.4484, 2.1282



Tritanopia

27.9969, 32.1141, 12.3399

Trichromacy



Original Color

27.8628, 40.0368, -0.4183

Protanomaly

26.3930, 15.3608, -12.2939

Deuteranomaly

27.0010, 15.6473, -0.1819

Tritanomaly

27.8803, 34.9268, 8.7001

Monochromacy



Original Color

27.8628, 40.0368, -0.4183

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

24.9291, 13.6438, -1.0988

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.8628, 40.0368, -0.4183 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(145, 33, 85)` looks like.

```
.text, #text, p{  
    color:rgb(145, 33, 85)  
}
```

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(145, 33, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 33, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 27.8628, 40.0368, -0.4183 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(145, 33, 85) }
```


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

```
.border{ border-color:rgb(145, 33, 85) }
```

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

Here you see how a box with a 4 pixel rgb(145, 33, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 33, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 33, 85);  
box-shadow:4px 4px 4px 4px rgb(145, 33,  
85) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.8628, 40.0368, -0.4183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 33, 85) }
```

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

```
.background{ background-color: rgb(145, 33,  
85) }
```

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