

Converting Colors

HunterLab(27.8080, 28.6663,
-5.1157)

Have a look what the booklet for
HunterLab(27.8080, 28.6663,
-5.1157) contains.

HunterLab(27.8657, 28.7844, -4.8570)	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(27.8657, 28.7844,
-4.8570)**

Conversions

Conversions Part 1

Format	Color
Hex	80335E
RGB	128, 51, 94
RGB Percent	50%, 20%, 37%
CMY	0.4980, 0.8000, 0.6314
CMYK	0.00, 0.60, 0.27, 0.50
HSL	326°, 43%, 35%
HSV	326°, 60%, 50%
XYZ	12.1063, 7.7650, 11.4504
YIQ	78.9250, 32.0890, 29.6970

Conversions

Conversions Part 2

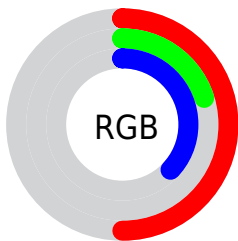
Format	Color
R_{YB}	128, 51, 94
Decimal	8401758
CIE _{Lab}	33.49, 38.26, -9.08
CIE _{LCh}	33, 39.318, 346.653
Y _{xy}	7.7654, 0.3865, 0.2479
Android (android.graphics.Color)	4286591838 (0xFF80335E)
YUV	78.9250, 7.4320, 43.0388
Hunter-Lab	27.8657, 28.7844, -4.8570

Details

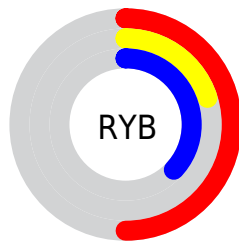
The HunterLab color **27.8657, 28.7844, -4.8570** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **40.9856, -25.0178, 12.3834**, and the grayscale version is **27.9016, -1.4888, 1.5159**.

A 20% lighter version of the original color is **46.2474, 31.8318, -4.7720**, and **13.2284, 24.2672, -3.9570** is the 20% darker color. If you saturate the color by 10%, you get **25.8822, 33.1738, -4.7938**, and if you desaturate by 10%, it is **30.2445, 23.8435, -4.4087**.

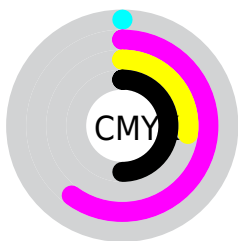
Distribution



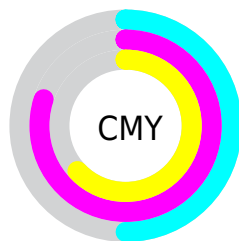
- Red (50%)
- Green (20%)
- Blue (37%)



- Red (50%)
- Yellow (20%)
- Blue (37%)



- Cyan (0%)
- Magenta (60%)
- Yellow (27%)
- Black (50%)



- Cyan (50%)
- Magenta (80%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.8657, 28.7844, -4.8570 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 27.8657, 28.7844, -4.8570 by changing the saturation by 10% instead.

27.8657, 28.7844,
-4.8570

27.8657, 28.7844,
-4.8570

131.8635, 38.4363,
-2.8285

19.8625, 27.1504,
-4.7609

46.3650, 31.6785,
-4.8071

12.8177, 25.4531,
-4.5719

56.7253, 32.9409,
-4.6803

6.2153, 29.0336,
-5.7424

67.7595, 34.0903,
-4.4943

0.0000, INF, NaN

0.0000, NaN, NaN

79.4288, 35.1361,
-4.2543

0.0000, NaN, NaN

91.7003, 36.0866,
-3.9645

0.0000, NaN, NaN

0.0000, NaN, NaN

104.5459, 36.9492,

-3.6283

0.0000, NaN, NaN

117.9408, 37.7305,
-3.2488

■ 27.8657, 28.7844,
-4.8570

■ 27.8657, 28.7844,
-4.8570

■ 25.8822, 33.1738,
-4.7938

■ 30.2445, 23.8435,
-4.4087

■ 24.3346, 36.6942,
-4.1520

■ 32.9665, 18.6210,
-3.5442

■ 23.2454, 39.0443,
-2.9217

■ 35.9835, 13.2984,
-2.3534

■ 22.4729, 40.5372,
-1.3831

■ 39.2521, 7.9869,
-0.9126

■ 42.7355, 2.7452,
0.7188

■ 46.4034, -2.4010,
2.4961

■ 50.2310, -7.4457,
4.3870

■ 54.1984, -12.3930,
6.3676

■ 58.2891, -17.2524,
8.4208

Harmonies

Analogous

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



27.8664, 20.1851, -21.5218



27.8657, 28.7844, -4.8570



27.8664, 28.2409, 7.7440

Triad

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



27.8664, 28.7827, -4.8562



27.8664, -8.5916, 16.3720



27.8664, -17.2584, -23.3053

Complementary

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



27.8657, 28.7844, -4.8570



40.9856, -25.0178, 12.3834

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.



27.8664, -22.3720, -6.5927



27.8657, 28.7844, -4.8570



27.8664, -18.0653, 13.7570

Square

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



27.8664, 28.7827, -4.8562



27.8664, 4.8069, 16.4865



27.8664, -22.6358, 6.6686



27.8664, -7.2701, -35.1505

Rectangle

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



27.8657, 28.7844, -4.8570



27.8664, 22.7391, 12.6534



27.8664, -22.6358, 6.6686



27.8664, -19.5131, -17.7875

Sweetspot

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



27.8664, 28.7827, -4.8562



52.8680, 9.3802, -0.8507



24.1421, 22.5911, -34.8824



25.0347, 5.3893, -0.6619



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



27.8664, 28.7827, -4.8562



33.5553, 45.8087, -6.1529



26.9148, 24.5467, 8.7339



20.9316, 1.0660, 0.4372



22.3786, 40.3682, -1.3862

0.0000, NaN, NaN

Inverse Universe

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



27.8664, 28.7827, -4.8562



33.5553, 45.8087, -6.1529



41.9154, -19.4747, -0.9576



20.9316, 1.0660, 0.4372

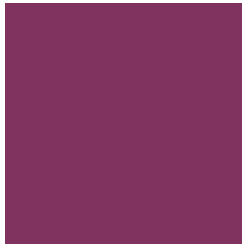


22.3786, 40.3682, -1.3862

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 27.8657, 28.7844, -4.8570 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 27.8657, 28.7844, -4.8570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

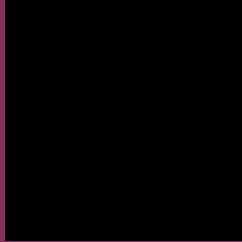
Any Text WCAG AA × Fail

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 27.8657, 28.7844, -4.8570 Background



This preview shows how black text looks on a background with the HunterLab color 27.8657, 28.7844, -4.8570.



This preview shows how white text looks on a background with the HunterLab color 27.8657, 28.7844,

-4.8570.

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

27.8657, 28.7844, -4.8570

Protanopia

28.1180, 2.5904, -15.5708

Deuteranopia

28.2503, 1.4230, -2.8682



Tritanopia

27.8099, 20.9102, 7.7860

Trichromacy



Original Color

27.8657, 28.7844, -4.8570

Protanomaly

27.1081, 11.0668, -12.9258

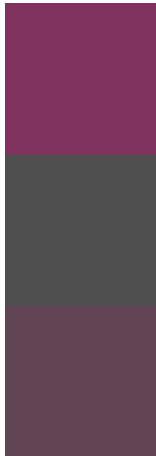
Deuteranomaly

27.4631, 11.0929, -4.2509

Tritanomaly

27.6811, 23.8221, 3.5976

Monochromacy



Original Color

27.8657, 28.7844, -4.8570

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

27.2722, 8.9422, -1.2730

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.8657, 28.7844, -4.8570 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(128, 51, 94)` looks like.

```
.text, #text, p{  
    color:rgb(128, 51, 94)  
}
```

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(128, 51, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 51, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 27.8657, 28.7844, -4.8570 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(128, 51, 94) }
```


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

```
.border{ border-color:rgb(128, 51, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 51, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 51, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 51, 94);  
box-shadow:4px 4px 4px 4px rgb(128, 51,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.8657, 28.7844, -4.8570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 51, 94) }
```

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

```
.background{ background-color: rgb(128, 51,  
94) }
```

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