

Converting Colors

HunterLab(43.7659, -28.8537,
7.5832)

Have a look what the booklet for
HunterLab(43.7659, -28.8537,
7.5832) contains.

HunterLab(43.8617, -28.9713, 7.7175)	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(43.8617,
-28.9713, 7.7175)**

Conversions

Conversions Part 1	
Format	Color
Hex	008A6B
RGB	0, 138, 107
RGB Percent	0%, 54%, 42%
CMY	1.0000, 0.4588, 0.5804
CMYK	1.00, 0.00, 0.22, 0.46
HSL	167°, 100%, 27%
HSV	167°, 100%, 54%
XYZ	11.7423, 19.2385, 17.0044
YIQ	93.2040, -72.2970, -38.8970

Conversions

Conversions Part 2

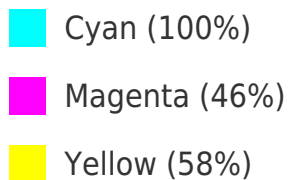
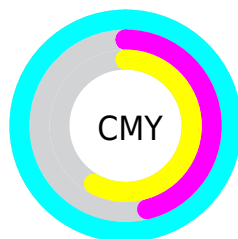
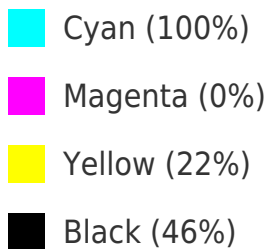
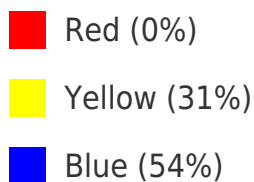
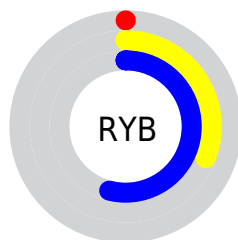
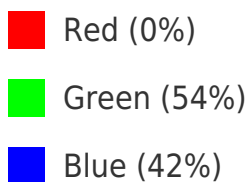
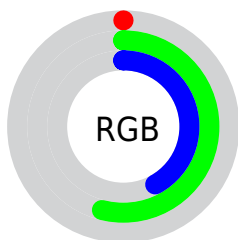
Format	Color
RYB	0, 78, 138
Decimal	35435
CIELab	50.97, -39.62, 7.75
CIELCh	51, 40.370, 168.926
Yxy	19.2392, 0.2447, 0.4009
Android (android.graphics.Color)	4278225515 (0xFF008A6B)
YUV	93.2040, 6.8014, -81.7399
Hunter-Lab	43.8617, -28.9713, 7.7175

Details

The HunterLab color **43.8617, -28.9713, 7.7175** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **23.4579, 40.5915, 11.8865**, and the grayscale version is **33.1574, -1.7692, 1.8015**.

A 20% lighter version of the original color is **64.8127, -34.6871, 9.7387**, and **26.7257, -18.5593, 6.6595** is the 20% darker color. If you saturate the color by 10%, you get **43.8624, -28.9723, 7.7188**, and if you desaturate by 10%, it is **44.0426, -28.0870, 6.7492**.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 43.8617, -28.9713, 7.7175 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 43.8617, -28.9713, 7.7175 by changing the saturation by 10% instead.


 43.8617, -28.9713,
7.7175


 43.8617, -28.9713,
7.7175


157.4059,
-52.6270, 17.0544


 34.4141, -25.7852,
6.7305


 64.9138, -34.8260,
9.7043


 25.7625, -22.3432,
5.7371


 76.4261, -37.5698,
10.7115


 17.9894, -18.5356,
4.7231

 88.5485, -40.2242,
11.7312

 11.2082, -16.6407,
3.7210

 101.2516,
-42.8060, 12.7649

 3.2701, -5.7227,
2.2891

 114.5101,
-45.3280, 13.8135

0.0000, NaN, NaN

0.0000, NaN, NaN

 128.3015,

-47.8004, 14.8777

0.0000, NaN, NaN

142.6061,
-50.2312, 15.9579

0.0000, NaN, NaN

■ 43.8617, -28.9713,
7.7175

■ 43.8617, -28.9713,
7.7175

■ 43.8624, -28.9723,
7.7188

■ 44.0426, -28.0870,
6.7492

■ 44.2898, -26.9305,
5.8259

■ 44.6380, -25.3728,
4.9924

■ 45.0971, -23.3871,
4.2666

■ 45.6738, -20.9625,
3.6629

■ 46.3727, -18.1015,
3.1920

■ 47.1963, -14.8177,
2.8615

■ 48.1454, -11.1336,
2.6756

■ 49.2192, -7.0785,
2.6354

Harmonies

Analogous

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



43.8626, -23.4865, 17.7628



43.8617, -28.9713, 7.7175



43.8626, -28.1431, -8.3802

Triad

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



43.8626, -28.9716, 7.7179



43.8626, 8.2510, -36.0259



43.8626, 20.1149, 19.3954

Complementary

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



43.8617, -28.9713, 7.7175



23.4579, 40.5915, 11.8865

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.



43.8626, 31.2725, 10.9702



43.8617, -28.9713, 7.7175



43.8626, 23.7646, -21.9541

Square

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



43.8626, -28.9716, 7.7179



43.8626, -8.1802, -37.9077



43.8626, 32.6977, -3.7091



43.8626, 3.8170, 22.6785

Rectangle

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



43.8617, -28.9713, 7.7175



43.8626, -24.0862, -20.6751



43.8626, 32.6977, -3.7091



43.8626, 24.6865, 17.2503

Sweetspot

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



43.8626, -28.9716, 7.7179



62.5834, -19.9725, 3.8218



42.9978, -35.0148, 25.8815



29.4440, -10.2327, 1.8772



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



43.8626, -28.9716, 7.7179



58.2122, -38.5928, 10.5505



33.4400, -9.0836, -22.1870



23.8112, -3.2458, 1.2740



42.0014, -27.7251, 7.3524



3.4551, -2.0674, 0.1443

Inverse Universe

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



23.4579, 40.5915, 11.8865



31.1097, 53.7710, 16.2677



25.9129, 31.3712, 16.5158



22.5073, 0.8679, 1.2977



22.4649, 38.8843, 11.3187



1.8821, 3.3565, 0.1820

Previews

White Background



This preview shows how the HunterLab color 43.8617, -28.9713, 7.7175 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the HunterLab color 43.8617, -28.9713, 7.7175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

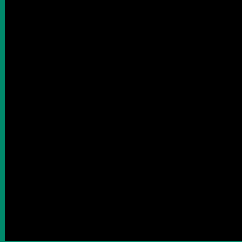
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 43.8617, -28.9713, 7.7175 Background



This preview shows how black text looks on a background with the HunterLab color 43.8617, -28.9713, 7.7175.



This preview shows how white text looks on a background with the HunterLab color 43.8617, -28.9713, 7.7175.

-28.9713, 7.7175.

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

43.8617, -28.9713, 7.7175

Protanopia

43.7559, -3.3709, 11.2456

Deuteranopia



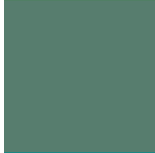
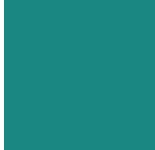
43.7341, 2.8065, 6.2161




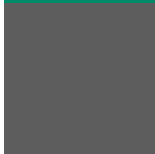

Tritanopia

43.9343, -18.3072, -8.8560

Trichromacy

	Original Color 43.8617, -28.9713, 7.7175
	Protanomaly 42.2702, -17.6753, 8.4680
	Deuteranomaly 42.2129, -14.3403, 5.0406
	Tritanomaly 43.8174, -22.8556, -2.4551

Monochromacy

	Original Color 43.8617, -28.9713, 7.7175
	Achromatopsia 33.0850, -1.7653, 1.7976
	Achromatomaly 35.7056, -15.1080, 2.5494

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 43.8617, -28.9713, 7.7175 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(0, 138, 107)` looks like.

```
.text, #text, p{  
    color:rgb(0, 138, 107)  
}
```

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(0, 138, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 138, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 43.8617, -28.9713, 7.7175 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(0, 138, 107) }
```


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

```
.border{ border-color:rgb(0, 138, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 138, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 138, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 138, 107);  
box-shadow:4px 4px 4px 4px rgb(0, 138,  
107) }
```

Background

The CSS property to change the background color of an element to HunterLab 43.8617, -28.9713, 7.7175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 138, 107) }
```

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

```
.background{ background-color: rgb(0, 138,  
107) }
```

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