

Converting Colors

HunterLab(39.0413, -28.1044,
11.8711)

Have a look what the booklet for
HunterLab(39.0413, -28.1044,
11.8711) contains.

HunterLab(39.0657, -28.0699, 11.7661)	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(39.0657,
-28.0699, 11.7661)**

Conversions

Conversions Part 1

Format	Color
Hex	007D51
RGB	0, 125, 81
RGB Percent	0%, 49%, 32%
CMY	1.0000, 0.5098, 0.6823
CMYK	1.00, 0.00, 0.35, 0.51
HSL	159°, 100%, 25%
HSV	159°, 100%, 49%
XYZ	8.8188, 15.2613, 10.2655
YIQ	82.6090, -60.3760, -40.1840

Conversions

Conversions Part 2

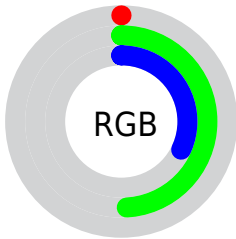
Format	Color
RYB	0, 76, 125
Decimal	32081
CIELab	45.99, -40.84, 15.85
CIELCh	46, 43.810, 158.786
Yxy	15.2619, 0.2568, 0.4443
Android (android.graphics.Color)	4278222161 (0xFF007D51)
YUV	82.6090, -0.7932, -72.4481
Hunter-Lab	39.0657, -28.0699, 11.7661

Details

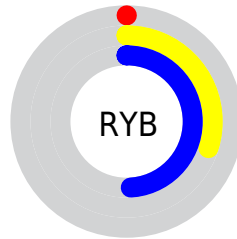
The HunterLab color **39.0657, -28.0699, 11.7661** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **21.3123, 37.3500, 7.1555**, and the grayscale version is **29.2885, -1.5628, 1.5913**.

A 20% lighter version of the original color is **59.5807, -34.2850, 14.7452**, and **22.7146, -17.4758, 9.3341** is the 20% darker color. If you saturate the color by 10%, you get **39.0664, -28.0707, 11.7669**, and if you desaturate by 10%, it is **39.2580, -27.1053, 10.6097**.

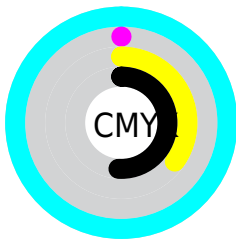
Distribution



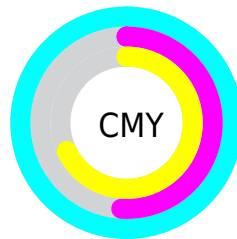
- Red (0%)
- Green (49%)
- Blue (32%)



- Red (0%)
- Yellow (30%)
- Blue (49%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.0657, -28.0699, 11.7661 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 39.0657, -28.0699, 11.7661 by changing the saturation by 10% instead.

■ 39.0657, -28.0699,
11.7661

■ 39.0657, -28.0699,
11.7661

149.9820,
-52.6950, 24.6943

■ 30.0057, -24.6715,
10.2001

■ 59.4239, -34.2431,
14.7475

■ 21.7793, -20.9572,
8.5468

■ 70.6203, -37.1126,
16.1937

■ 14.4828, -16.8949,
6.7842

■ 82.4432, -39.8774,
17.6233

■ 8.1438, -14.2517,
5.7007

■ 94.8608, -42.5579,
19.0425

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.8459,
-45.1693, 20.4562

0.0000, NaN, NaN

■ 121.3748,

0.0000, NaN, NaN

-47.7233, 21.8676

0.0000, NaN, NaN

135.4264,
-50.2293, 23.2796

■ 39.0657, -28.0699,
11.7661

■ 39.0657, -28.0699,
11.7661

■ 39.0664, -28.0707,
11.7669

■ 39.2580, -27.1053,
10.6097

■ 39.5086, -25.8940,
9.4421

■ 39.8526, -24.3043,
8.3061

■ 40.2980, -22.3163,
7.2194

■ 40.8506, -19.9241,
6.1980

■ 41.5138, -17.1339,
5.2554

■ 42.2895, -13.9616,
4.4029

■ 43.1778, -10.4309,
3.6493

■ 44.1777, -6.5710,
3.0005

Harmonies

Analogous

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



39.0665, -20.4830, 19.3995



39.0657, -28.0699, 11.7661



39.0665, -29.3670, -2.9134

Triad

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



39.0665, -28.0702, 11.7664



39.0665, 3.0189, -42.6148



39.0665, 26.7123, 16.9922

Complementary

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



39.0657, -28.0699, 11.7661



21.3123, 37.3500, 7.1555

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.



39.0665, 35.6351, 6.5732



39.0657, -28.0699, 11.7661



39.0665, 20.5048, -30.5945

Square

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



39.0665, -28.0702, 11.7664



39.0665, -13.1975, -39.2399



39.0665, 33.1880, -10.8424



39.0665, 10.4241, 21.3974

Rectangle

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



39.0657, -28.0699, 11.7661



39.0665, -26.7502, -15.9492



39.0665, 33.1880, -10.8424



39.0665, 30.7888, 14.3067

Sweetspot

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



39.0665, -28.0702, 11.7664



56.5095, -19.0096, 5.9708



39.0447, -29.6821, 23.5392



26.7745, -9.7838, 3.0296



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



39.0665, -28.0702, 11.7664



52.2503, -37.7301, 16.1401



35.0384, -14.9583, -11.5036



22.0499, -3.0966, 1.4686



39.9085, -28.6875, 12.0459

0.0000, NaN, NaN

Inverse Universe

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



21.3123, 37.3500, 7.1555



28.4738, 49.8155, 10.2343



21.7967, 32.7196, 14.0034



20.8982, 0.8861, 0.9136



21.7694, 38.1469, 7.3528

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 39.0657, -28.0699, 11.7661 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 × Fail

Black Background



This preview shows how the HunterLab color 39.0657, -28.0699, 11.7661 looks on a black 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

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

HunterLab 39.0657, -28.0699, 11.7661 Background



This preview shows how black text looks on a background with the HunterLab color 39.0657, -28.0699, 11.7661.



This preview shows how white text looks on a background with the HunterLab color 39.0657, -28.0699, 11.7661.

-28.0699, 11.7661.

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

39.0657, -28.0699, 11.7661

Protanopia

39.0938, -3.6879, 14.1994

Deuteranopia

38.8388, 2.7284, 10.5400



Tritanopia

39.1332, -15.5808, -7.6256

Trichromacy



Original Color

39.0657, -28.0699, 11.7661

Protanomaly

37.8063, -17.1905, 11.9841

Deuteranomaly

37.3868, -13.9219, 9.4925

Tritanomaly

38.8477, -20.9281, 0.1757

Monochromacy



Original Color

39.0657, -28.0699, 11.7661

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

31.7828, -14.2906, 4.4428

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.0657, -28.0699, 11.7661 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, 125, 81)` looks like.

```
.text, #text, p{  
    color:rgb(0, 125, 81)  
}
```

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, 125, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 125, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 39.0657, -28.0699, 11.7661 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, 125, 81) }
```


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

```
.border{ border-color:rgb(0, 125, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 125, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 125, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 125, 81);  
box-shadow:4px 4px 4px 4px rgb(0, 125, 81)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 39.0657, -28.0699, 11.7661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 125, 81) }
```

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

```
.background{ background-color: rgb(0, 125,  
81) }
```

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