

Converting Colors

HunterLab(33.3035, -30.5207,
17.6528)

Have a look what the booklet for
HunterLab(33.3035, -30.5207,
17.6528) contains.

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Color

**HunterLab(33.8642,
-27.9956, 18.1072)**

Conversions

Conversions Part 1

Format	Color
Hex	006F1F
RGB	0, 111, 31
RGB Percent	0%, 44%, 12%
CMY	1.0000, 0.5647, 0.8784
CMYK	1.00, 0.00, 0.72, 0.56
HSL	137°, 100%, 22%
HSV	137°, 100%, 44%
XYZ	5.9318, 11.4678, 3.1972
YIQ	68.6910, -40.4760, -48.4120

Conversions

Conversions Part 2

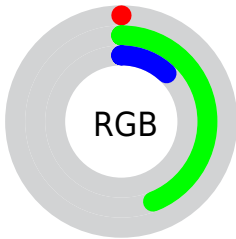
Format	Color
RYB	0, 87, 111
Decimal	28447
CIELab	40.36, -44.59, 35.47
CIELCh	40, 56.976, 141.503
Yxy	11.4683, 0.2880, 0.5568
Android (android.graphics.Color)	4278218527 (0xFF006F1F)
YUV	68.6910, -18.5817, -60.2420
Hunter-Lab	33.8642, -27.9956, 18.1072

Details

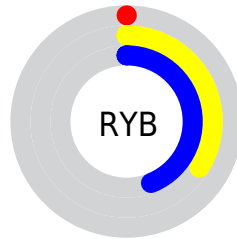
The HunterLab color **33.8642, -27.9956, 18.1072** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **19.8969, 36.9846, -9.7079**, and the grayscale version is **24.3604, -1.2998, 1.3235**.

A 20% lighter version of the original color is **53.4658, -34.9816, 23.9168**, and **18.2688, -15.6655, 10.9829** is the 20% darker color. If you saturate the color by 10%, you get **33.8649, -27.9961, 18.1075**, and if you desaturate by 10%, it is **34.0407, -27.1111, 17.1575**.

Distribution



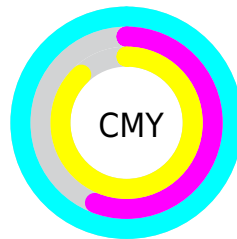
- Red (0%)
- Green (44%)
- Blue (12%)



- Red (0%)
- Yellow (34%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (72%)
- Black (56%)



- Cyan (100%)
- Magenta (56%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.8642, -27.9956, 18.1072 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 33.8642, -27.9956, 18.1072 by changing the saturation by 10% instead.

■ 33.8642, -27.9956,
18.1072

■ 33.8642, -27.9956,
18.1072

141.7226,
-55.0379, 41.1228

■ 25.2641, -24.1178,
14.8773

■ 53.4069, -34.9166,
23.9387

■ 17.5476, -19.8051,
12.2833

■ 64.2346, -38.0921,
26.6308

■ 10.8315, -18.9326,
7.5821

■ 75.7089, -41.1322,
29.2154

■ 1.9916, -3.4853,
1.3941

■ 87.7951, -44.0636,
31.7138

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.4637,
-46.9061, 34.1423


0.0000, NaN, NaN


■ 113.6890,


0.0000, NaN, NaN


-49.6751, 36.5137


0.0000, NaN, NaN


 127.4487,
-52.3825, 38.8378


 33.8642, -27.9956,
18.1072


 33.8642, -27.9956,
18.1072


 33.8649, -27.9961,
18.1075

 34.0407, -27.1111,
17.1575

 34.2746, -25.9562,
16.0128

 34.6028, -24.3872,
14.7014

 35.0324, -22.3888,
13.2352

 35.5680, -19.9610,
11.6294

■ 36.2122, -17.1166,
9.9019

■ 36.9658, -13.8783,
8.0719

■ 37.8282, -10.2766,
6.1597

■ 38.7976, -6.3468,
4.1848

Harmonies

Analogous

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



33.8649, -15.3900, 21.6535



33.8642, -27.9956, 18.1072



33.8649, -33.2342, 7.0473

Triad

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



33.8649, -27.9960, 18.1073



33.8649, -7.5772, -62.5123



33.8649, 44.6088, 13.1272

Complementary

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



33.8642, -27.9956, 18.1072



19.8969, 36.9846, -9.7079

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.



33.8649, 48.1662, -4.3451



33.8642, -27.9956, 18.1072



33.8649, 14.3205, -57.0058

Square

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



33.8649, -27.9960, 18.1073



33.8649, -23.4780, -44.1798



33.8649, 35.9943, -31.8948



33.8649, 27.2082, 20.2420

Rectangle

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



33.8642, -27.9956, 18.1072



33.8649, -33.0163, -6.7577



33.8649, 35.9943, -31.8948



33.8649, 47.6081, 8.6508

Sweetspot

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



33.8649, -27.9960, 18.1073



49.3771, -18.9444, 11.0061



36.2443, -18.5489, 22.0088



24.0346, -10.0003, 5.7919



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



33.8649, -27.9960, 18.1073



45.2937, -37.5997, 24.5537



34.6798, -22.9694, 6.2378



19.4348, -2.9688, 1.9920



36.7551, -30.4250, 19.7382



81.9552, -68.4004, 45.2201

Inverse Universe

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



19.8969, 36.9846, -9.7079



26.5829, 49.3417, -12.4172



18.5845, 32.2250, 8.9164



18.5428, 1.0172, 0.0734



21.5878, 40.1102, -10.3949



48.0239, 88.9578, -21.0250

Previews

White Background



This preview shows how the HunterLab color 33.8642, -27.9956, 18.1072 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 33.8642, -27.9956, 18.1072 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 33.8642, -27.9956, 18.1072 Background



This preview shows how black text looks on a background with the HunterLab color 33.8642, -27.9956, 18.1072.



This preview shows how white text looks on a background with the HunterLab color 33.8642,

-27.9956, 18.1072.

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

33.8642, -27.9956, 18.1072

Protanopia

33.7481, -4.2979, 18.8985

Deuteranopia

33.6309, 2.1496, 17.3769



Tritanopia

34.1004, -12.7892, -5.8642

Trichromacy



Original Color

33.8642, -27.9956, 18.1072

Protanomaly

32.5886, -17.3344, 17.7787

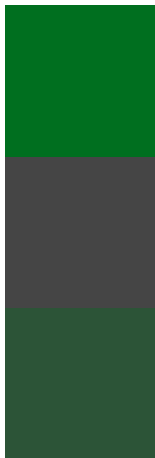
Deuteranomaly

32.1848, -14.2408, 16.5081

Tritanomaly

33.7656, -20.3627, 6.0798

Monochromacy



Original Color

33.8642, -27.9956, 18.1072

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

26.7431, -14.1041, 8.2188

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.8642, -27.9956, 18.1072 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, 111, 31)` looks like.

```
.text, #text, p{  
    color:rgb(0, 111, 31)  
}
```

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, 111, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 111, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 33.8642, -27.9956, 18.1072 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, 111, 31) }
```


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

```
.border{ border-color:rgb(0, 111, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 111, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 111, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 111, 31);  
box-shadow:4px 4px 4px 4px rgb(0, 111, 31)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.8642, -27.9956, 18.1072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 111, 31) }
```

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

```
.background{ background-color: rgb(0, 111,  
31) }
```

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](#).

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