

Converting Colors

HunterLab(33.7351, -28.9171,
18.8143)

Have a look what the booklet for
HunterLab(33.7351, -28.9171,
18.8143) contains.

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Color

**HunterLab(33.8094,
-28.3383, 18.9155)**

Conversions

Conversions Part 1

Format	Color
Hex	006F17
RGB	0, 111, 23
RGB Percent	0%, 44%, 9%
CMY	1.0000, 0.5647, 0.9098
CMYK	1.00, 0.00, 0.79, 0.56
HSL	132°, 100%, 22%
HSV	132°, 100%, 44%
XYZ	5.8391, 11.4308, 2.7092
YIQ	67.7790, -37.9080, -50.9000

Conversions

Conversions Part 2

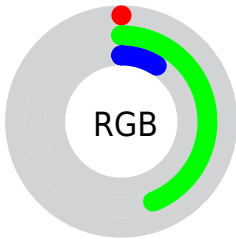
Format	Color
RYB	0, 92, 111
Decimal	28439
CIELab	40.30, -45.37, 38.67
CIELCh	40, 59.615, 139.554
Yxy	11.4312, 0.2923, 0.5721
Android (android.graphics.Color)	4278218519 (0xFF006F17)
YUV	67.7790, -22.0760, -59.4422
Hunter-Lab	33.8094, -28.3383, 18.9155

Details

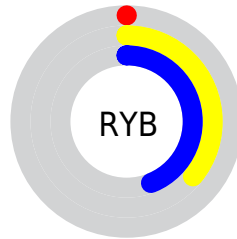
The HunterLab color **33.8094, -28.3383, 18.9155** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **20.2095, 38.0953, -13.9657**, and the grayscale version is **24.0505, -1.2833, 1.3067**.

A 20% lighter version of the original color is **53.4114, -35.3874, 25.2953**, and **18.2688, -15.6655, 10.9829** is the 20% darker color. If you saturate the color by 10%, you get **33.8101, -28.3388, 18.9157**, and if you desaturate by 10%, it is **33.9771, -27.5074, 18.0947**.

Distribution



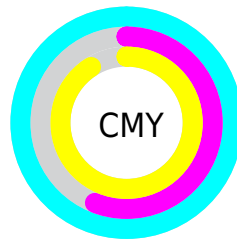
- Red (0%)
- Green (44%)
- Blue (9%)



- Red (0%)
- Yellow (36%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (79%)
- Black (56%)



- Cyan (100%)
- Magenta (56%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.8094, -28.3383, 18.9155 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 33.8094, -28.3383, 18.9155 by changing the saturation by 10% instead.

■ 33.8094, -28.3383,
18.9155

■ 33.8094, -28.3383,
18.9155

141.6342,
-55.7871, 43.6483

■ 25.2144, -24.3925,
15.4205

■ 53.3431, -35.3743,
25.2219

■ 17.5036, -20.0015,
12.2525

■ 64.1668, -38.5998,
28.1259

■ 10.7940, -18.8896,
7.5558

■ 75.6372, -41.6864,
30.9081

■ 1.8147, -3.1758,
1.2703

■ 87.7198, -44.6612,
33.5918

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.3849,
-47.5446, 36.1950


0.0000, NaN, NaN


■ 113.6070,


0.0000, NaN, NaN


-50.3523, 38.7318


0.0000, NaN, NaN


 127.3634,
-53.0965, 41.2132


 33.8094, -28.3383,
18.9155


 33.8094, -28.3383,
18.9155


 33.8101, -28.3388,
18.9157

 33.9771, -27.5074,
18.0947

 34.2046, -26.3893,
17.0409

 34.5295, -24.8371,
15.7757

 34.9590, -22.8342,
14.3067

 35.4980, -20.3800,
12.6468

■ 36.1493, -17.4877,
10.8131

■ 36.9135, -14.1814,
8.8259

■ 37.7901, -10.4937,
6.7074

■ 38.7769, -6.4621,
4.4800

Harmonies

Analogous

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



33.8101, -14.8239, 22.0363



33.8094, -28.3383, 18.9155



33.8101, -34.1459, 8.3503

Triad

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



33.8101, -28.3387, 18.9156



33.8101, -9.1348, -66.4074



33.8101, 47.9671, 12.7232

Complementary

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



33.8094, -28.3383, 18.9155



20.2095, 38.0953, -13.9657

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.



33.8101, 50.6238, -6.2936



33.8094, -28.3383, 18.9155



33.8101, 13.5391, -62.2216

Square

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



33.8101, -28.3387, 18.9156



33.8101, -25.0933, -45.2987



33.8101, 36.7573, -36.0254



33.8101, 30.2238, 20.3695

Rectangle

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



33.8094, -28.3383, 18.9155



33.8101, -34.2116, -5.5380



33.8101, 36.7573, -36.0254



33.8101, 50.8001, 7.8579

Sweetspot

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



33.8101, -28.3387, 18.9156



49.3059, -19.3583, 12.0348



36.7198, -16.6908, 22.3343



23.9972, -10.2188, 6.3325



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.



33.8101, -28.3387, 18.9156



45.2242, -38.0349, 25.5801



34.5183, -23.9546, 8.5664



19.4255, -3.0210, 2.1258



36.6966, -30.7913, 20.6021



81.8395, -69.1248, 46.9283

Inverse Universe

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



20.2095, 38.0953, -13.9657



27.0086, 50.8555, -18.2246



18.6847, 32.5945, 7.4478



18.5532, 1.0730, -0.0743



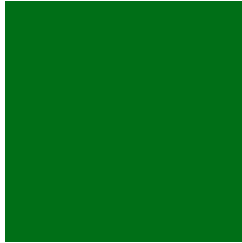
21.9290, 41.3228, -15.0444



48.8135, 91.7676, -31.8143

Previews

White Background



This preview shows how the HunterLab color 33.8094, -28.3383, 18.9155 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 33.8094, -28.3383, 18.9155 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 33.8094, -28.3383, 18.9155 Background



This preview shows how black text looks on a background with the HunterLab color 33.8094, -28.3383, 18.9155.



This preview shows how white text looks on a background with the HunterLab color 33.8094,

-28.3383, 18.9155.

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

33.8094, -28.3383, 18.9155

Protanopia

33.7005, -4.5625, 19.6023

Deuteranopia

33.6810, 2.2089, 18.2599



Tritanopia

33.8396, -12.2644, -6.2211

Trichromacy



Original Color

33.8094, -28.3383, 18.9155

Protanomaly

32.5374, -17.6396, 18.5346

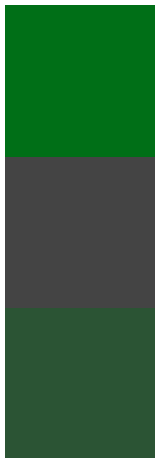
Deuteranomaly

32.1878, -14.3491, 17.4417

Tritanomaly

33.3893, -20.4281, 6.7401

Monochromacy



Original Color

33.8094, -28.3383, 18.9155

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

26.6499, -14.5781, 8.9385

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.8094, -28.3383, 18.9155 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, 23)` looks like.

```
.text, #text, p{  
    color:rgb(0, 111, 23)  
}
```

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, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 111, 23) }
```

Border

The CSS property to change the border of an element to HunterLab 33.8094, -28.3383, 18.9155 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, 23) }
```


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

```
.border{ border-color:rgb(0, 111, 23) }
```

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, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 111, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 111, 23);  
box-shadow:4px 4px 4px 4px rgb(0, 111, 23)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.8094, -28.3383, 18.9155 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, 23) }
```

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

```
.background{ background-color: rgb(0, 111,  
23) }
```

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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