

Converting Colors

HunterLab(33.0773, -28.0754,
18.7973)

Have a look what the booklet for
HunterLab(33.0773, -28.0754,
18.7973) contains.

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Color

**HunterLab(33.1426,
-27.9133, 18.8315)**

Conversions

Conversions Part 1

Format	Color
Hex	006D13
RGB	0, 109, 19
RGB Percent	0%, 43%, 7%
CMY	1.0000, 0.5725, 0.9255
CMYK	1.00, 0.00, 0.83, 0.57
HSL	130°, 100%, 21%
HSV	130°, 100%, 43%
XYZ	5.5862, 10.9843, 2.4419
YIQ	66.1490, -36.0740, -51.0980

Conversions

Conversions Part 2

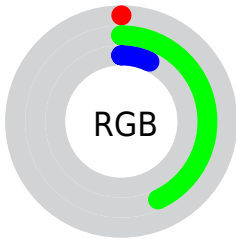
Format	Color
RYB	0, 93, 109
Decimal	27923
CIELab	39.55, -45.06, 39.38
CIELCh	40, 59.842, 138.845
Yxy	10.9848, 0.2938, 0.5777
Android (android.graphics.Color)	4278218003 (0xFF006D13)
YUV	66.1490, -23.2445, -58.0127
Hunter-Lab	33.1426, -27.9133, 18.8315

Details

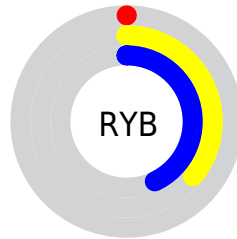
The HunterLab color **33.1426, -27.9133, 18.8315** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **19.9738, 37.9011, -15.7411**, and the grayscale version is **23.4818, -1.2529, 1.2758**.

A 20% lighter version of the original color is **52.6675, -35.0609, 25.3168**, and **17.9770, -15.4153, 10.8075** is the 20% darker color. If you saturate the color by 10%, you get **33.1433, -27.9138, 18.8317**, and if you desaturate by 10%, it is **33.3048, -27.1161, 18.0913**.

Distribution



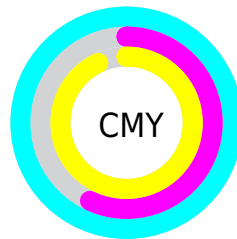
- Red (0%)
- Green (43%)
- Blue (7%)



- Red (0%)
- Yellow (36%)
- Blue (43%)



- Cyan (100%)
- Magenta (0%)
- Yellow (83%)
- Black (57%)



- Cyan (100%)
- Magenta (57%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.1426, -27.9133, 18.8315 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 33.1426, -27.9133, 18.8315 by changing the saturation by 10% instead.

■ 33.1426, -27.9133,
18.8315

■ 33.1426, -27.9133,
18.8315

140.5571,
-55.2841, 44.0160

■ 24.6102, -23.9664,
15.2775

■ 52.5662, -34.9390,
25.2717

■ 16.9692, -19.5653,
11.8784

■ 63.3402, -38.1565,
28.2328

■ 10.3400, -18.0951,
7.2380

■ 74.7639, -41.2339,
31.0671

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 86.8021, -44.1990,
33.7986

0.0000, NaN, NaN

■ 99.4249, -47.0724,
36.4461


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 112.6064,


-49.8699, 39.0242


0.0000, NaN, NaN


 126.3239,
-52.6038, 41.5444


 33.1426, -27.9133,
18.8315


 33.1426, -27.9133,
18.8315


 33.1433, -27.9138,
18.8317

 33.3048, -27.1161,
18.0913

 33.5256, -26.0352,
17.1067

 33.8430, -24.5210,
15.8956

 34.2641, -22.5566,
14.4634

 34.7939, -20.1412,
12.8210

■ 35.4350, -17.2880,
10.9845

■ 36.1883, -14.0210,
8.9739

■ 37.0528, -10.3727,
6.8115

■ 38.0267, -6.3810,
4.5207

Harmonies

Analogous

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



33.1433, -14.3179, 21.7541



33.1426, -27.9133, 18.8315



33.1433, -33.8185, 8.6623

Triad

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



33.1433, -27.9137, 18.8316



33.1433, -9.5378, -66.5855



33.1433, 48.3066, 12.3196

Complementary

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



33.1426, -27.9133, 18.8315



19.9738, 37.9011, -15.7411

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.



33.1433, 50.5599, -6.9294



33.1426, -27.9133, 18.8315



33.1433, 12.9760, -63.0119

Square

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



33.1433, -27.9137, 18.8316



33.1433, -25.2008, -44.8217



33.1433, 36.3184, -36.9250



33.1433, 30.7856, 20.0222

Rectangle

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



33.1426, -27.9133, 18.8315



33.1433, -33.9862, -4.9739



33.1433, 36.3184, -36.9250



33.1433, 51.0180, 7.3972

Sweetspot

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



33.1433, -27.9137, 18.8316



48.3348, -19.1461, 12.2405



36.2678, -15.3980, 22.0784



23.1585, -9.9169, 6.3195



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



33.1433, -27.9137, 18.8316



44.3336, -37.4545, 25.4404



33.7852, -23.9341, 9.4384



18.5812, -2.8949, 2.0817



35.8395, -30.2132, 20.4253



80.8430, -68.5631, 46.9613

Inverse Universe

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



19.9738, 37.9011, -15.7411



26.6975, 50.6110, -20.6610



18.3870, 32.1918, 6.4247



17.7631, 1.0312, -0.1249



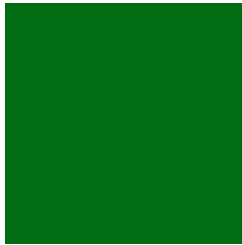
21.5940, 40.9641, -16.9280



48.6278, 92.0575, -36.6460

Previews

White Background



This preview shows how the HunterLab color 33.1426, -27.9133, 18.8315 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 33.1426, -27.9133, 18.8315 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 33.1426, -27.9133, 18.8315 Background



This preview shows how black text looks on a background with the HunterLab color 33.1426, -27.9133, 18.8315.



This preview shows how white text looks on a background with the HunterLab color 33.1426, -27.9133, 18.8315.

-27.9133, 18.8315.

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

33.1426, -27.9133, 18.8315

Protanopia

32.9643, -4.4787, 19.4212

Deuteranopia

32.9471, 2.2643, 18.1311



Tritanopia

33.1527, -11.9808, -6.1632

Trichromacy



Original Color

33.1426, -27.9133, 18.8315

Protanomaly

31.8659, -17.2819, 18.4210

Deuteranomaly

31.4582, -14.2352, 17.2933

Tritanomaly

32.7073, -20.1455, 7.0738

Monochromacy



Original Color

33.1426, -27.9133, 18.8315

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

25.9780, -14.3590, 9.1244

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.1426, -27.9133, 18.8315 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, 109, 19)` looks like.

```
.text, #text, p{  
    color:rgb(0, 109, 19)  
}
```

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, 109, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 109, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 33.1426, -27.9133, 18.8315 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, 109, 19) }
```


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

```
.border{ border-color:rgb(0, 109, 19) }
```

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

Here you see how a box with a 4 pixel rgb(0, 109, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 109, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 109, 19);  
box-shadow:4px 4px 4px 4px rgb(0, 109, 19)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.1426, -27.9133, 18.8315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 109, 19) }
```

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

```
.background{ background-color: rgb(0, 109,  
19) }
```

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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