

Converting Colors

HunterLab(31.4389, -36.5282,
16.3647)

Have a look what the booklet for
HunterLab(31.4389, -36.5282,
16.3647) contains.

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Color

**HunterLab(33.5345,
-27.7579, 18.0062)**

Conversions

Conversions Part 1

Format	Color
Hex	006E1E
RGB	0, 110, 30
RGB Percent	0%, 43%, 12%
CMY	1.0000, 0.5686, 0.8823
CMYK	1.00, 0.00, 0.73, 0.57
HSL	136°, 100%, 22%
HSV	136°, 100%, 43%
XYZ	5.8103, 11.2456, 3.0927
YIQ	67.9900, -39.8800, -48.2000

Conversions

Conversions Part 2

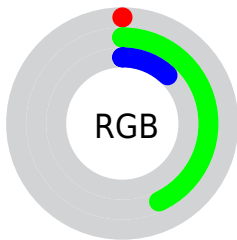
Format	Color
RYB	0, 86, 110
Decimal	28190
CIELab	39.99, -44.38, 35.51
CIELCh	40, 56.837, 141.330
Yxy	11.2461, 0.2884, 0.5581
Android (android.graphics.Color)	4278218270 (0xFF006E1E)
YUV	67.9900, -18.7291, -59.6272
Hunter-Lab	33.5345, -27.7579, 18.0062

Details

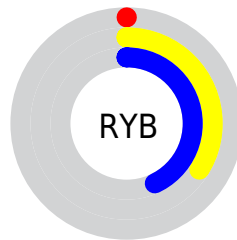
The HunterLab color **33.5345, -27.7579, 18.0062** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **19.7342, 36.7299, -9.9995**, and the grayscale version is **24.1138, -1.2867, 1.3102**.

A 20% lighter version of the original color is **53.1176, -34.7103, 23.8664**, and **18.2688, -15.6655, 10.9829** is the 20% darker color. If you saturate the color by 10%, you get **33.5352, -27.7584, 18.0065**, and if you desaturate by 10%, it is **33.7097, -26.8813, 17.0755**.

Distribution



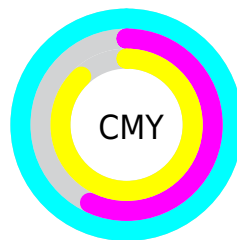
- Red (0%)
- Green (43%)
- Blue (12%)



- Red (0%)
- Yellow (34%)
- Blue (43%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (57%)



- Cyan (100%)
- Magenta (57%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.5345, -27.7579, 18.0062 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 33.5345, -27.7579, 18.0062 by changing the saturation by 10% instead.

■ 33.5345, -27.7579,
18.0062

■ 33.5345, -27.7579,
18.0062

141.1907,
-54.7285, 41.0784

■ 24.9652, -23.8852,
14.7628

■ 53.0230, -34.6644,
23.8577

■ 17.2830, -19.5741,
12.0981

■ 63.8262, -37.8318,
26.5575

■ 10.6064, -18.5613,
7.4245

■ 75.2774, -40.8636,
29.1485

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.3418, -43.7867,
31.6526

0.0000, NaN, NaN

■ 99.9895, -46.6210,
34.0860


0.0000, NaN, NaN


■ 113.1949,


0.0000, NaN, NaN


-49.3817, 36.4618


0.0000, NaN, NaN


 126.9353,
-52.0811, 38.7898


 33.5345, -27.7579,
18.0062


 33.5345, -27.7579,
18.0062


 33.5352, -27.7584,
18.0065

 33.7097, -26.8813,
17.0755

 33.9414, -25.7380,
15.9483

 34.2667, -24.1833,
14.6524

 34.6925, -22.2023,
13.1992

 35.2234, -19.7950,
11.6037

■ 35.8619, -16.9741,
9.8834

■ 36.6090, -13.7624,
8.0576

■ 37.4639, -10.1900,
6.1463

■ 38.4247, -6.2921,
4.1693

Harmonies

Analogous

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



33.5352, -15.1956, 21.4811



33.5345, -27.7579, 18.0062



33.5352, -32.9954, 7.0932

Triad

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



33.5352, -27.7583, 18.0063



33.5352, -7.6381, -62.2458



33.5352, 44.4670, 12.9682

Complementary

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



33.5345, -27.7579, 18.0062



19.7342, 36.7299, -9.9995

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.



33.5352, 47.9158, -4.4655



33.5345, -27.7579, 18.0062



33.5352, 14.1182, -56.8991

Square

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



33.5352, -27.7583, 18.0063



33.5352, -23.3930, -43.8557



33.5352, 35.7172, -31.9345



33.5352, 27.2025, 20.0595

Rectangle

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



33.5345, -27.7579, 18.0062



33.5352, -32.8042, -6.5892



33.5352, 35.7172, -31.9345



33.5352, 47.4241, 8.5022

Sweetspot

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



33.5352, -27.7583, 18.0063



48.4292, -18.5971, 10.8763



35.8986, -18.3638, 21.7990



23.2071, -9.6328, 5.6166



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.



33.5352, -27.7583, 18.0063



44.4196, -36.9154, 24.1691



34.3478, -22.7455, 6.1693



19.4340, -2.9736, 2.0042



36.7491, -30.4626, 19.8268



81.9430, -68.4764, 45.3993

Inverse Universe

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



19.7342, 36.7299, -9.9995



26.1119, 48.5336, -12.7093



18.4073, 31.9197, 8.8157



18.5437, 1.0223, 0.0601



21.6174, 40.2159, -10.8015



48.0922, 89.2018, -21.9652

Previews

White Background



This preview shows how the HunterLab color 33.5345, -27.7579, 18.0062 looks on a white background.

Color Contrast Check

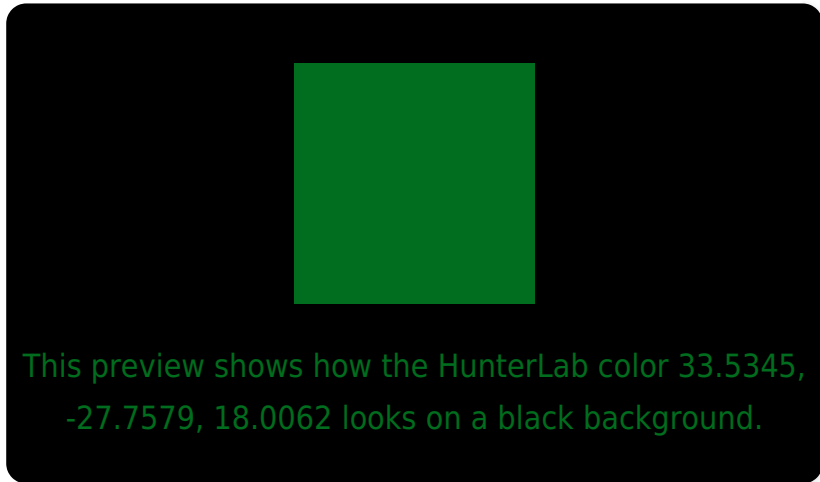
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 33.5345, -27.7579, 18.0062 Background



This preview shows how black text looks on a background with the HunterLab color 33.5345, -27.7579, 18.0062.



This preview shows how white text looks on a background with the HunterLab color 33.5345,

-27.7579, 18.0062.

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

33.5345, -27.7579, 18.0062

Protanopia

33.3829, -4.2382, 18.7605

Deuteranopia

33.5174, 1.7480, 17.4402



Tritanopia

33.7729, -12.5830, -5.8112

Trichromacy



Original Color

33.5345, -27.7579, 18.0062

Protanomaly

32.2285, -17.2436, 17.6496

Deuteranomaly

31.8223, -14.1686, 16.3981

Tritanomaly

33.4342, -20.1572, 6.0932

Monochromacy



Original Color

33.5345, -27.7579, 18.0062

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

26.3940, -14.0295, 8.1785

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.5345, -27.7579, 18.0062 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, 110, 30)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 30)  
}
```

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, 110, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 33.5345, -27.7579, 18.0062 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, 110, 30) }
```


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

```
.border{ border-color:rgb(0, 110, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 110, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 30);  
box-shadow:4px 4px 4px 4px rgb(0, 110, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.5345, -27.7579, 18.0062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 110, 30) }
```

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

```
.background{ background-color: rgb(0, 110,  
30) }
```

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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