

Converting Colors

HunterLab(36.0558, -32.6660,
17.9323)

Have a look what the booklet for
HunterLab(36.0558, -32.6660,
17.9323) contains.

HunterLab(36.8882, -29.9436, 18.5326)	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(36.8882,
-29.9436, 18.5326)**

Conversions

Conversions Part 1

Format	Color
Hex	00782B
RGB	0, 120, 43
RGB Percent	0%, 47%, 17%
CMY	1.0000, 0.5294, 0.8314
CMYK	1.00, 0.00, 0.64, 0.53
HSL	142°, 100%, 24%
HSV	142°, 100%, 47%
XYZ	7.1525, 13.6074, 4.5351
YIQ	75.3420, -46.8030, -49.3870

Conversions

Conversions Part 2

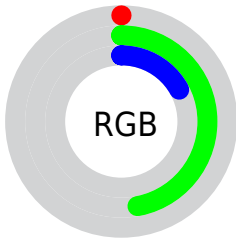
Format	Color
RYB	0, 88, 120
Decimal	30763
CIELab	43.67, -46.08, 33.54
CIELCh	44, 56.996, 143.949
Yxy	13.6079, 0.2828, 0.5379
Android (android.graphics.Color)	4278220843 (0xFF00782B)
YUV	75.3420, -15.9446, -66.0749
Hunter-Lab	36.8882, -29.9436, 18.5326

Details

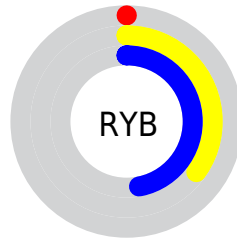
The HunterLab color **36.8882, -29.9436, 18.5326** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **21.2817, 38.9629, -5.7657**, and the grayscale version is **26.7159, -1.4255, 1.4515**.

A 20% lighter version of the original color is **56.7782, -36.6871, 23.7710**, and **20.9292, -17.9468, 12.5823** is the 20% darker color. If you saturate the color by 10%, you get **36.8889, -29.9442, 18.5329**, and if you desaturate by 10%, it is **37.0784, -28.9767, 17.3869**.

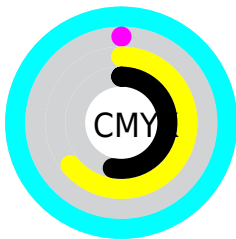
Distribution



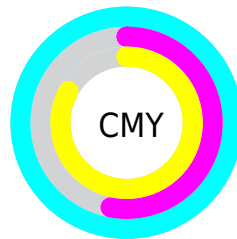
- Red (0%)
- Green (47%)
- Blue (17%)



- Red (0%)
- Yellow (35%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (64%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.8882, -29.9436, 18.5326 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 36.8882, -29.9436, 18.5326 by changing the saturation by 10% instead.

■ 36.8882, -29.9436,
18.5326

■ 36.8882, -29.9436,
18.5326

146.5531,
-57.3936, 40.2836

■ 28.0152, -26.0567,
15.5400

■ 56.9138, -36.9297,
23.9771

■ 19.9954, -21.7689,
12.4918

■ 67.9595, -40.1489,
26.5083

■ 12.9326, -18.3119,
9.0529

■ 79.6396, -43.2362,
28.9477

■ 6.3701, -11.1476,
4.4590

■ 91.9215, -46.2168,
31.3138

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.7769,
-49.1096, 33.6206

0.0000, NaN, NaN

■ 118.1813,

0.0000, NaN, NaN

-51.9294, 35.8790

0.0000, NaN, NaN

132.1131,
-54.6876, 38.0977

36.8882, -29.9436,
18.5326

36.8882, -29.9436,
18.5326

36.8889, -29.9442,
18.5329

37.0784, -28.9767,
17.3869

37.3327, -27.7151,
16.0760

37.6871, -26.0210,
14.6332

38.1493, -23.8775,
13.0747

38.7246, -21.2834,
11.4185

■ 39.4158, -18.2514,
9.6842

■ 40.2241, -14.8045,
7.8917

■ 41.1489, -10.9741,
6.0607

■ 42.1883, -6.7967,
4.2093

Harmonies

Analogous

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



36.8890, -17.3868, 22.9574



36.8882, -29.9436, 18.5326



36.8890, -34.8995, 5.9418

Triad

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



36.8890, -29.9440, 18.5328



36.8890, -6.2551, -63.0241



36.8890, 44.2800, 14.7327

Complementary

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



36.8882, -29.9436, 18.5326



21.2817, 38.9629, -5.7657

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.



36.8890, 49.1972, -2.4133



36.8882, -29.9436, 18.5326



36.8890, 16.4851, -55.5759

Square

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



36.8890, -29.9440, 18.5328



36.8890, -23.4034, -46.4699



36.8890, 38.0590, -29.7080



36.8890, 25.8505, 21.8155

Rectangle

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



36.8882, -29.9436, 18.5326



36.8890, -34.2905, -8.8646



36.8890, 38.0590, -29.7080



36.8890, 47.7216, 10.3319

Sweetspot

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



36.8890, -29.9440, 18.5328



53.2601, -19.9880, 10.6430



38.7986, -22.5402, 23.5128



25.7431, -10.5128, 5.5790



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



36.8890, -29.9440, 18.5328



48.8970, -39.8631, 24.9360



37.9379, -23.5041, 3.3196



21.1459, -3.2001, 2.0202



38.5257, -31.2962, 19.4057



84.0535, -68.9070, 43.6909

Inverse Universe

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



21.2817, 38.9629, -5.7657



28.1772, 51.5066, -7.0038



20.0922, 34.6253, 11.2979



20.1352, 1.0781, 0.2396



22.2216, 40.6732, -5.9355



48.3609, 88.2125, -10.5560

Previews

White Background



This preview shows how the HunterLab color 36.8882, -29.9436, 18.5326 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 36.8882, -29.9436, 18.5326 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 36.8882, -29.9436, 18.5326 Background



This preview shows how black text looks on a background with the HunterLab color 36.8882, -29.9436, 18.5326.



This preview shows how white text looks on a background with the HunterLab color 36.8882,

-29.9436, 18.5326.

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

36.8882, -29.9436, 18.5326

Protanopia

36.7223, -4.6203, 19.5866

Deuteranopia

36.7120, 2.3455, 17.7893



Tritanopia

36.8744, -13.8751, -6.6065

Trichromacy



Original Color

36.8882, -29.9436, 18.5326

Protanomaly

35.3652, -18.4855, 18.1027

Deuteranomaly

35.0180, -15.0970, 16.7603

Tritanomaly

36.5282, -21.5494, 5.3222

Monochromacy



Original Color

36.8882, -29.9436, 18.5326

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

29.1023, -15.0036, 8.0894

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.8882, -29.9436, 18.5326 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, 120, 43)` looks like.

```
.text, #text, p{  
    color:rgb(0, 120, 43)  
}
```

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, 120, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 120, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 36.8882, -29.9436, 18.5326 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, 120, 43) }
```


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

```
.border{ border-color:rgb(0, 120, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 120, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 120, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 120, 43);  
box-shadow:4px 4px 4px 4px rgb(0, 120, 43)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.8882, -29.9436, 18.5326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 120, 43) }
```

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

```
.background{ background-color: rgb(0, 120,  
43) }
```

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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