

Converting Colors

HunterLab(35.9300, -31.5158,
17.0986)

Have a look what the booklet for
HunterLab(35.9300, -31.5158,
17.0986) contains.

HunterLab(36.6045, -29.3867, 17.6850)	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(36.6045,
-29.3867, 17.6850)**

Conversions

Conversions Part 1

Format	Color
Hex	00772F
RGB	0, 119, 47
RGB Percent	0%, 47%, 18%
CMY	1.0000, 0.5333, 0.8157
CMYK	1.00, 0.00, 0.61, 0.53
HSL	144°, 100%, 23%
HSV	144°, 100%, 47%
XYZ	7.1099, 13.3989, 4.9009
YIQ	75.2110, -47.8120, -47.6200

Conversions

Conversions Part 2

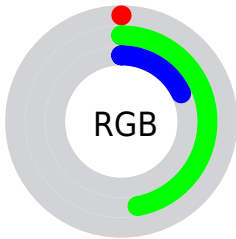
Format	Color
RYB	0, 85, 119
Decimal	30511
CIELab	43.36, -45.18, 31.20
CIELCh	43, 54.905, 145.374
Yxy	13.3994, 0.2798, 0.5273
Android (android.graphics.Color)	4278220591 (0xFF00772F)
YUV	75.2110, -13.9080, -65.9600
Hunter-Lab	36.6045, -29.3867, 17.6850

Details

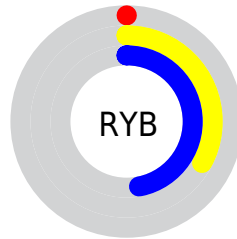
The HunterLab color **36.6045, -29.3867, 17.6850** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **20.9524, 38.1142, -3.7718**, and the grayscale version is **26.6622, -1.4226, 1.4486**.

A 20% lighter version of the original color is **56.4515, -36.1870, 22.7808**, and **20.6307, -17.6908, 12.4028** is the 20% darker color. If you saturate the color by 10%, you get **36.6052, -29.3873, 17.6854**, and if you desaturate by 10%, it is **36.7966, -28.4095, 16.5128**.

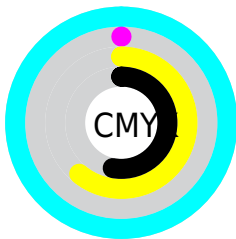
Distribution



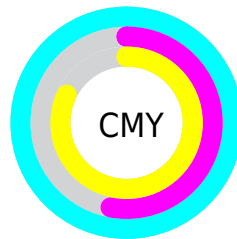
- Red (0%)
- Green (47%)
- Blue (18%)



- Red (0%)
- Yellow (33%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (61%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.6045, -29.3867, 17.6850 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 36.6045, -29.3867, 17.6850 by changing the saturation by 10% instead.

■ 36.6045, -29.3867,
17.6850

■ 36.6045, -29.3867,
17.6850

146.1034,
-56.4138, 38.2482

■ 27.7564, -25.5632,
14.8761

■ 56.5858, -36.2595,
22.8036

■ 19.7642, -21.3443,
11.9315

■ 67.6115, -39.4274,
25.1891

■ 12.7329, -18.0383,
8.9130

■ 79.2728, -42.4664,
27.4923

■ 6.0981, -10.6717,
4.2687

■ 91.5367, -45.4011,
29.7301

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.3749,
-48.2502, 31.9156

0.0000, NaN, NaN

■ 117.7628,

0.0000, NaN, NaN

-51.0282, 34.0587

0.0000, NaN, NaN

131.6788,
-53.7463, 36.1675

36.6045, -29.3867,
17.6850

36.6045, -29.3867,
17.6850

36.6052, -29.3873,
17.6854

36.7966, -28.4095,
16.5128

37.0503, -27.1519,
15.1986

37.4014, -25.4768,
13.7775

37.8576, -23.3675,
12.2665

38.4240, -20.8231,
10.6835

■ 39.1033, -17.8552,
9.0476

■ 39.8969, -14.4859,
7.3774

■ 40.8041, -10.7450,
5.6909

■ 41.8233, -6.6675,
4.0047

Harmonies

Analogous

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



36.6052, -17.5607, 22.3908



36.6045, -29.3867, 17.6850



36.6052, -33.8899, 4.9294

Triad

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



36.6052, -29.3871, 17.6852



36.6052, -5.1244, -59.8011



36.6052, 41.6261, 14.8308

Complementary

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



36.6045, -29.3867, 17.6850



20.9524, 38.1142, -3.7718

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.



36.6052, 47.0274, -1.2098



36.6045, -29.3867, 17.6850



36.6052, 16.8014, -51.7202

Square

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



36.6052, -29.3871, 17.6852



36.6052, -22.0158, -45.1530



36.6052, 37.0959, -26.8761



36.6052, 23.6459, 21.5060

Rectangle

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



36.6045, -29.3867, 17.6850



36.6052, -33.0792, -9.5926



36.6052, 37.0959, -26.8761



36.6052, 45.1223, 10.7094

Sweetspot

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



36.6052, -29.3871, 17.6852



53.3016, -19.7468, 10.0438



38.2436, -23.1735, 23.1598



25.7651, -10.3849, 5.2627



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.



36.6052, -29.3871, 17.6852



48.9569, -39.4893, 24.0542



37.7048, -22.6518, 1.7711



20.2977, -3.0268, 1.8592



37.7276, -30.3052, 18.2640



83.1891, -67.4932, 41.7194

Inverse Universe

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



20.9524, 38.1142, -3.7718



27.9881, 50.8251, -4.3542



19.8835, 34.2084, 11.6243



19.3251, 0.9875, 0.3150



21.5917, 39.2698, -3.8254



47.4830, 86.0353, -5.8996

Previews

White Background



This preview shows how the HunterLab color 36.6045, -29.3867, 17.6850 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 36.6045, -29.3867, 17.6850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

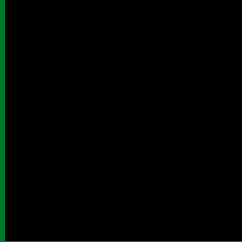
Any Text WCAG AA × Fail

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 36.6045, -29.3867, 17.6850 Background



This preview shows how black text looks on a background with the HunterLab color 36.6045, -29.3867, 17.6850.



This preview shows how white text looks on a background with the HunterLab color 36.6045,

-29.3867, 17.6850.

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

36.6045, -29.3867, 17.6850

Protanopia

36.3969, -4.3101, 18.7838

Deuteranopia

36.2855, 2.2949, 16.8956



Tritanopia

36.8418, -13.9991, -6.6545

Trichromacy



Original Color

36.6045, -29.3867, 17.6850



Protanomaly

35.1048, -17.8830, 17.2938



Deuteranomaly

34.7097, -14.6773, 15.7811



Tritanomaly

36.5317, -21.4866, 4.9477

Monochromacy



Original Color

36.6045, -29.3867, 17.6850



Achromatopsia

26.5255, -1.4153, 1.4412



Achromatomaly

29.1414, -14.7715, 7.5233

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.6045, -29.3867, 17.6850 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, 119, 47)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 47)  
}
```

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, 119, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 36.6045, -29.3867, 17.6850 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, 119, 47) }
```


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

```
.border{ border-color:rgb(0, 119, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 119, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 47);  
box-shadow:4px 4px 4px 4px rgb(0, 119, 47)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.6045, -29.3867, 17.6850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 119, 47) }
```

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

```
.background{ background-color: rgb(0, 119,  
47) }
```

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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