

Converting Colors

HunterLab(36.1260, -28.4258,
16.2089)

Have a look what the booklet for
HunterLab(36.1260, -28.4258,
16.2089) contains.

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Color

**HunterLab(36.0272,
-28.3463, 16.1606)**

Conversions

Conversions Part 1

Format	Color
Hex	007535
RGB	0, 117, 53
RGB Percent	0%, 46%, 21%
CMY	1.0000, 0.5412, 0.7922
CMYK	1.00, 0.00, 0.55, 0.54
HSL	147°, 100%, 23%
HSV	147°, 100%, 46%
XYZ	7.0039, 12.9796, 5.5043
YIQ	74.7210, -49.1880, -44.7080

Conversions

Conversions Part 2

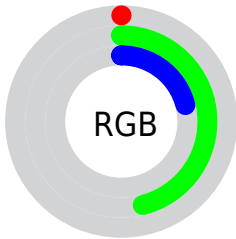
Format	Color
RYB	0, 81, 117
Decimal	30005
CIELab	42.73, -43.54, 27.31
CIELCh	43, 51.393, 147.898
Yxy	12.9801, 0.2748, 0.5092
Android (android.graphics.Color)	4278220085 (0xFF007535)
YUV	74.7210, -10.7085, -65.5303
Hunter-Lab	36.0272, -28.3463, 16.1606

Details

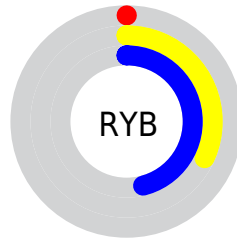
The HunterLab color **36.0272, -28.3463, 16.1606** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **20.3772, 36.7126, -0.9152**, and the grayscale version is **26.4761, -1.4127, 1.4385**.

A 20% lighter version of the original color is **55.8434, -34.9949, 20.7260**, and **20.0740, -16.9406, 11.4792** is the 20% darker color. If you saturate the color by 10%, you get **36.0279, -28.3469, 16.1610**, and if you desaturate by 10%, it is **36.2202, -27.3658, 14.9768**.

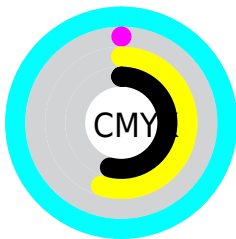
Distribution



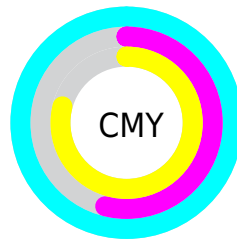
- Red (0%)
- Green (46%)
- Blue (21%)



- Red (0%)
- Yellow (32%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.0272, -28.3463, 16.1606 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 36.0272, -28.3463, 16.1606 by changing the saturation by 10% instead.

■ 36.0272, -28.3463,
16.1606

■ 36.0272, -28.3463,
16.1606

145.1862,
-54.6059, 34.7740

■ 27.2302, -24.6371,
13.6561

■ 55.9179, -35.0140,
20.7428

■ 19.2948, -20.5418,
10.9534

■ 66.9026, -38.0890,
22.8892

■ 12.3279, -17.5624,
8.6296

■ 78.5251, -41.0402,
24.9688

■ 5.5008, -9.6264,
3.8506

■ 90.7521, -43.8916,
26.9964

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.5551,
-46.6614, 28.9830

0.0000, NaN, NaN

■ 116.9093,

0.0000, NaN, NaN

-49.3633, 30.9372

0.0000, NaN, NaN

130.7928,
-52.0086, 32.8658

36.0272, -28.3463,
16.1606

36.0272, -28.3463,
16.1606

36.0279, -28.3469,
16.1610

36.2202, -27.3658,
14.9768

36.4706, -26.1286,
13.6860

36.8140, -24.4981,
12.3260

37.2578, -22.4584,
10.9140

37.8070, -20.0080,
9.4675

■ 38.4643, -17.1573,
8.0041

■ 39.2310, -13.9265,
6.5403

■ 40.1067, -10.3430,
5.0915

■ 41.0898, -6.4391,
3.6714

Harmonies

Analogous

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



36.0279, -17.7403, 21.3189



36.0272, -28.3463, 16.1606



36.0279, -32.0888, 3.2359

Triad

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



36.0279, -28.3467, 16.1608



36.0279, -3.2795, -54.4099



36.0279, 37.2313, 14.9072

Complementary

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



36.0272, -28.3463, 16.1606



20.3772, 36.7126, -0.9152

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.



36.0279, 43.3343, 0.6379



36.0272, -28.3463, 16.1606



36.0279, 17.2007, -45.4721

Square

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



36.0279, -28.3467, 16.1608



36.0279, -19.6498, -42.7817



36.0279, 35.3440, -22.3900



36.0279, 20.0698, 20.9105

Rectangle

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



36.0272, -28.3463, 16.1606



36.0279, -30.9462, -10.7077



36.0279, 35.3440, -22.3900



36.0279, 40.7845, 11.2349

Sweetspot

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



36.0279, -28.3467, 16.1608



52.4120, -18.9891, 8.9036



37.1818, -24.2675, 22.4863



24.9633, -9.8081, 4.5782



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



36.0279, -28.3467, 16.1608



48.1829, -38.1050, 22.0333



37.2480, -20.9079, -1.4224



20.3057, -2.9818, 1.7436



37.8122, -29.7792, 17.0227



83.3702, -66.3651, 39.0578

Inverse Universe

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



20.3772, 36.7126, -0.9152



27.2169, 48.9439, -0.5067



19.4805, 33.4263, 12.0775



19.3165, 0.9410, 0.4380



21.3812, 38.5086, -0.8562



47.0139, 84.3359, 0.7422

Previews

White Background



This preview shows how the HunterLab color 36.0272, -28.3463, 16.1606 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 36.0272, -28.3463, 16.1606 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 36.0272, -28.3463, 16.1606 Background



This preview shows how black text looks on a background with the HunterLab color 36.0272, -28.3463, 16.1606.



This preview shows how white text looks on a background with the HunterLab color 36.0272,

-28.3463, 16.1606.

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

36.0272, -28.3463, 16.1606

Protanopia

36.0076, -4.1741, 17.5103

Deuteranopia

35.8037, 2.1468, 15.2478



Tritanopia

36.1450, -13.7092, -6.5960

Trichromacy



Original Color

36.0272, -28.3463, 16.1606

Protanomaly

34.7639, -17.5418, 15.9677

Deuteranomaly

34.3740, -14.2977, 14.2541

Tritanomaly

35.9134, -20.7133, 3.8934

Monochromacy



Original Color

36.0272, -28.3463, 16.1606

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

28.8894, -14.1747, 6.6552

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.0272, -28.3463, 16.1606 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, 117, 53)` looks like.

```
.text, #text, p{  
    color:rgb(0, 117, 53)  
}
```

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, 117, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 117, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 36.0272, -28.3463, 16.1606 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, 117, 53) }
```


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

```
.border{ border-color:rgb(0, 117, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 117, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 117, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 117, 53);  
box-shadow:4px 4px 4px 4px rgb(0, 117, 53)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.0272, -28.3463, 16.1606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 117, 53) }
```

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

```
.background{ background-color: rgb(0, 117,  
53) }
```

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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