

Converting Colors

HunterLab(36.4405, -28.1087,
15.2302)

Have a look what the booklet for
HunterLab(36.4405, -28.1087,
15.2302) contains.

HunterLab(36.4405, -28.1087, 15.2302)	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(36.4405,
-28.1087, 15.2302)**

Conversions

Conversions Part 1

Format	Color
Hex	01763B
RGB	1, 118, 59
RGB Percent	0%, 46%, 23%
CMY	0.9961, 0.5372, 0.7686
CMYK	0.99, 0.00, 0.50, 0.54
HSL	150°, 98%, 23%
HSV	150°, 99%, 46%
XYZ	7.2804, 13.2791, 6.3171
YIQ	76.2910, -50.7930, -43.1530

Conversions

Conversions Part 2

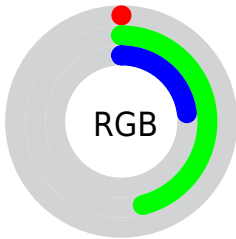
Format	Color
RYB	1, 79, 118
Decimal	95803
CIELab	43.18, -42.74, 24.61
CIELCh	43, 49.324, 150.068
Yxy	13.2796, 0.2709, 0.4941
Android (android.graphics.Color)	4278285883 (0xFF01763B)
YUV	76.2910, -8.5245, -66.0302
Hunter-Lab	36.4405, -28.1087, 15.2302

Details

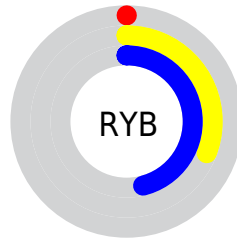
The HunterLab color **36.4405, -28.1087, 15.2302** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **20.4933, 36.4144, 0.8958**, and the grayscale version is **27.0313, -1.4423, 1.4687**.

A 20% lighter version of the original color is **56.3239, -34.5584, 19.4591**, and **20.4107, -16.9476, 11.0734** is the 20% darker color. If you saturate the color by 10%, you get **36.4252, -28.1908, 15.3276**, and if you desaturate by 10%, it is **36.6368, -27.1127, 14.0192**.

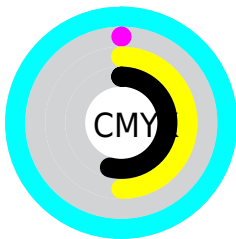
Distribution



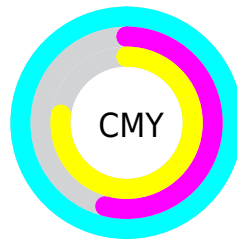
- Red (0%)
- Green (46%)
- Blue (23%)



- Red (0%)
- Yellow (31%)
- Blue (46%)



- Cyan (99%)
- Magenta (0%)
- Yellow (50%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.4405, -28.1087, 15.2302 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 36.4405, -28.1087, 15.2302 by changing the saturation by 10% instead.

■ 36.4405, -28.1087,
15.2302

■ 36.4405, -28.1087,
15.2302

145.8431,
-53.9269, 32.4614

■ 27.6069, -24.4781,
12.9524

■ 56.3961, -34.6475,
19.4233

■ 19.6307, -20.4766,
10.4860

■ 67.4102, -37.6676,
21.3993

■ 12.6176, -17.2209,
8.8323

■ 79.0605, -40.5685,
23.3207

■ 5.9348, -10.3860,
4.1544

■ 91.3140, -43.3732,
25.2002

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.1422,
-46.0993, 27.0475

0.0000, NaN, NaN

■ 117.5206,

0.0000, NaN, NaN

-48.7603, 28.8698

0.0000, NaN, NaN

131.4274,
-51.3666, 30.6730

36.4405, -28.1087,
15.2302

36.4405, -28.1087,
15.2302

36.4252, -28.1908,
15.3276

36.6368, -27.1127,
14.0192

36.8954, -25.8432,
12.7290

37.2472, -24.1852,
11.3949

37.6991, -22.1237,
10.0344

38.2562, -19.6577,
8.6650

■ 38.9210, -16.7975,
7.3032

■ 39.6949, -13.5632,
5.9644

■ 40.5775, -9.9816,
4.6624

■ 41.5671, -6.0844,
3.4089

Harmonies

Analogous

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



36.4412, -18.2305, 20.8792



36.4405, -28.1087, 15.2302



36.4412, -31.3220, 1.9428

Triad

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



36.4412, -28.1091, 15.2304



36.4412, -1.9035, -51.2802



36.4412, 34.5738, 15.2710

Complementary

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



36.4405, -28.1087, 15.2302



20.4933, 36.4144, 0.8958

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.



36.4412, 41.2979, 2.0243



36.4405, -28.1087, 15.2302



36.4412, 17.8193, -41.6145

Square

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



36.4412, -28.1091, 15.2304



36.4412, -18.1699, -41.6965



36.4412, 34.6322, -19.4747



36.4412, 17.7300, 20.8930

Rectangle

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



36.4405, -28.1087, 15.2302



36.4412, -29.8845, -11.7721



36.4412, 34.6322, -19.4747



36.4412, 38.2274, 11.8557

Sweetspot

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



36.4412, -28.1091, 15.2304



52.4616, -18.7017, 8.1895



37.3713, -25.1029, 22.5428



24.9892, -9.6576, 4.2059



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.



36.4412, -28.1091, 15.2304



48.2723, -37.5504, 20.7244



37.7174, -20.3520, -3.1134



20.3117, -2.9484, 1.6581



37.8826, -29.3421, 15.9911



83.5232, -65.4141, 36.8135

Inverse Universe

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



20.4933, 36.4144, 0.8958



27.0376, 48.2925, 2.0463



19.6976, 33.4814, 12.4685



19.3101, 0.9070, 0.5282



21.2406, 37.9983, 1.1427



46.7037, 83.2080, 5.1687

Previews

White Background



This preview shows how the HunterLab color 36.4405, -28.1087, 15.2302 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 36.4405, -28.1087, 15.2302 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 36.4405, -28.1087, 15.2302 Background



This preview shows how black text looks on a background with the HunterLab color 36.4405, -28.1087, 15.2302.



This preview shows how white text looks on a background with the HunterLab color 36.4405,

-28.1087, 15.2302.

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

36.4405, -28.1087, 15.2302

Protanopia

36.3380, -4.2714, 16.8210

Deuteranopia

36.2360, 2.4406, 14.4348



Tritanopia

36.4456, -14.0348, -6.6953

Trichromacy



Original Color

36.4405, -28.1087, 15.2302

Protanomaly

35.1833, -17.3071, 15.2859

Deuteranomaly

34.8040, -14.0023, 13.4372

Tritanomaly

36.3011, -20.6065, 3.1347

Monochromacy



Original Color

36.4405, -28.1087, 15.2302

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

29.2871, -13.9935, 6.0713

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.4405, -28.1087, 15.2302 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(1, 118, 59)` looks like.

```
.text, #text, p{  
    color:rgb(1, 118, 59)  
}
```

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(1, 118, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 118, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 36.4405, -28.1087, 15.2302 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(1, 118, 59) }
```


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

```
.border{ border-color:rgb(1, 118, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 118, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 118, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 118, 59);  
box-shadow:4px 4px 4px 4px rgb(1, 118, 59)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.4405, -28.1087, 15.2302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 118, 59) }
```

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

```
.background{ background-color: rgb(1, 118,  
59) }
```

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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