

Converting Colors

HunterLab(30.0136, -15.7381,
17.0586)

Have a look what the booklet for
HunterLab(30.0136, -15.7381,
17.0586) contains.

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Color

**HunterLab(29.9372,
-15.7931, 17.0373)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 405D12 |
| RGB | 64, 93, 18 |
| RGB Percent | 25%, 36%, 7% |
| CMY | 0.7490, 0.6353, 0.9294 |
| CMYK | 0.31, 0.00, 0.81, 0.64 |
| HSL | 83°, 68%, 22% |
| HSV | 83°, 81%, 36% |
| XYZ | 6.1379, 8.9624, 1.9787 |
| YIQ | 75.7790, 6.7910, -29.4730 |

Conversions

Conversions Part 2

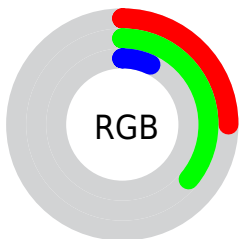
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 18, 93, 47 |
| Decimal | 4218130 |
| CIE Lab | 35.91, -23.16, 36.92 |
| CIE LCh | 36, 43.583, 122.098 |
| Yxy | 8.9628, 0.3594, 0.5248 |
| Android (android.graphics.Color) | 4282408210 (0xFF405D12) |
| YUV | 75.7790, -28.4850, -10.3302 |
| Hunter-Lab | 29.9372, -15.7931, 17.0373 |

Details

The HunterLab color $[29.9372, -15.7931, 17.0373]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[13.5187, 20.7710, -36.7274]$, and the grayscale version is $[26.9019, -1.4354, 1.4616]$.

A 20% lighter version of the original color is $[48.9863, -19.9301, 23.4091]$, and $[14.6102, -10.7418, 8.8147]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.7009, -16.8175, 17.5082]$, and if you desaturate by 10%, it is $[30.2061, -14.6167, 16.2854]$.

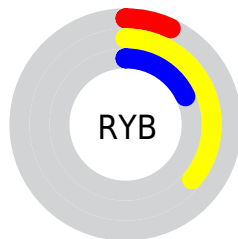
Distribution



Red (25%)

Green (36%)

Blue (7%)



Red (7%)

Yellow (36%)

Blue (18%)

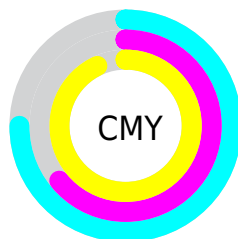


Cyan (31%)

Magenta (0%)

Yellow (81%)

Black (64%)



Cyan (75%)

Magenta (64%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9372, -15.7931, 17.0373 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 29.9372, -15.7931, 17.0373 by changing the saturation by 10% instead.

■ 29.9372, -15.7931,
17.0373

■ 29.9372, -15.7931,
17.0373

135.3144,
-32.3277, 41.2430

■ 21.7184, -13.5917,
13.7226

■ 48.8112, -19.8165,
23.2564

■ 14.4296, -11.1708,
10.1007

■ 59.3387, -21.7087,
26.1037

■ 8.0904, -12.9055,
5.6633

■ 70.5301, -23.5490,
28.8249

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.3482, -25.3507,
31.4453

0.0000, NaN, NaN

■ 94.7613, -27.1230,
33.9840


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 107.7421,


-28.8731, 36.4558


0.0000, NaN, NaN


 121.2668,
-30.6066, 38.8723


 29.9372, -15.7931,
17.0373


 29.9372, -15.7931,
17.0373


 29.7009, -16.8175,
17.5082


 30.2061, -14.6167,
16.2854

 29.4959, -17.7038,
17.8653

 30.5075, -13.2796,
15.2276

 30.8431, -11.7799,
13.8495

 31.2137, -10.1179,
12.1422

 31.6197, -8.2958,
10.1018

■ 32.0614, -6.3177,
7.7287

■ 32.5388, -4.1889,
5.0267

■ 33.0517, -1.9161,
2.0026

■ 33.5996, 0.4934,
-1.3341

Harmonies

Analogous

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



29.9379, -2.6780, 18.3413



29.9372, -15.7931, 17.0373



29.9379, -23.5722, 12.0595

Triad

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



29.9379, -15.7938, 17.0375



29.9379, -14.2601, -35.5987



29.9379, 34.2078, 2.6450

Complementary

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



29.9372, -15.7931, 17.0373



13.5187, 20.7710, -36.7274

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.



29.9379, 29.4040, -14.8214



29.9372, -15.7931, 17.0373



29.9379, -0.5046, -42.5407

Square

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



29.9379, -15.7938, 17.0375



29.9379, -22.8210, -17.5892



29.9379, 15.8603, -33.5101



29.9379, 27.9200, 13.0849

Rectangle

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



29.9372, -15.7931, 17.0373



29.9379, -25.6896, 5.2569



29.9379, 15.8603, -33.5101



29.9379, 33.8346, -2.5173

Sweetspot

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



29.9379, -15.7938, 17.0375



41.6985, -9.3452, 11.4301



20.9387, 11.3550, 11.4803



20.8093, -4.9929, 6.0987



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



29.9379, -15.7938, 17.0375



38.5958, -23.0908, 23.2197



28.4648, -21.7871, 15.9662



16.2687, -1.8867, 2.2425



35.0408, -21.2310, 21.2203



81.6795, -50.9722, 49.4381

Inverse Universe

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



13.5187, 20.7710, -36.7274



14.3957, 32.6540, -63.5460



17.6623, 28.4254, -23.3843



15.2293, 0.2447, -0.6343



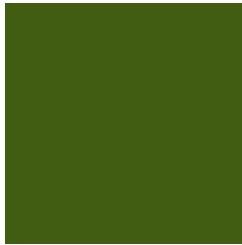
12.7238, 30.5777, -59.9001



28.9542, 70.7322, -145.2204

Previews

White Background



This preview shows how the HunterLab color 29.9372, -15.7931, 17.0373 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 29.9372, -15.7931, 17.0373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 29.9372, -15.7931, 17.0373 Background



This preview shows how black text looks on a background with the HunterLab color 29.9372, -15.7931, 17.0373.



This preview shows how white text looks on a background with the HunterLab color 29.9372, -15.7931, 17.0373.

-15.7931, 17.0373.

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

29.9372, -15.7931, 17.0373

Protanopia

29.9455, -4.3522, 17.4055

Deuteranopia

29.7854, 1.7395, 16.5533



Tritanopia

30.0683, -4.0814, -2.4247

Trichromacy



Original Color

29.9372, -15.7931, 17.0373

Protanomaly

29.8408, -8.8714, 17.1788

Deuteranomaly

29.6295, -5.4173, 16.6438

Tritanomaly

29.7325, -9.5176, 7.8762

Monochromacy



Original Color

29.9372, -15.7931, 17.0373

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

27.7275, -7.4549, 9.2263

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.9372, -15.7931, 17.0373 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(64, 93, 18)` looks like.

```
.text, #text, p{  
    color:rgb(64, 93, 18)  
}
```

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(64, 93, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 93, 18) }
```

Border

The CSS property to change the border of an element to HunterLab 29.9372, -15.7931, 17.0373 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(64, 93, 18) }
```


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

```
.border{ border-color:rgb(64, 93, 18) }
```

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

Here you see how a box with a 4 pixel rgb(64, 93, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 93, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 93, 18);  
box-shadow:4px 4px 4px 4px rgb(64, 93, 18)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.9372, -15.7931, 17.0373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 93, 18) }
```

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

```
.background{ background-color: rgb(64, 93,  
18) }
```

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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