

Converting Colors

HunterLab(28.7118, -17.7360,
20.0231)

Have a look what the booklet for
HunterLab(28.7118, -17.7360,
20.0231) contains.

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Color

**HunterLab(28.9512,
-16.8403, 17.5448)**

Conversions

Conversions Part 1

Format	Color
Hex	3A5B00
RGB	58, 91, 0
RGB Percent	23%, 36%, 0%
CMY	0.7725, 0.6431, 1.0000
CMYK	0.36, 0.00, 1.00, 0.64
HSL	82°, 100%, 18%
HSV	82°, 100%, 36%
XYZ	5.4860, 8.3817, 1.3287
YIQ	70.7590, 9.5430, -35.2970

Conversions

Conversions Part 2

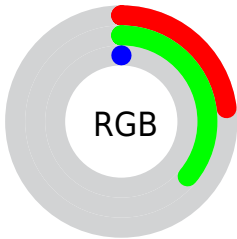
Format	Color
RYB	0, 91, 33
Decimal	3824384
CIELab	34.77, -25.59, 41.48
CIElCh	35, 48.738, 121.668
Yxy	8.3821, 0.3610, 0.5516
Android (android.graphics.Color)	4282014464 (0xFF3A5B00)
YUV	70.7590, -34.8842, -11.1896
Hunter-Lab	28.9512, -16.8403, 17.5448

Details

The HunterLab color $[28.9512, -16.8403, 17.5448]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[10.3869, 25.0580, -49.6602]$, and the grayscale version is $[25.1343, -1.3411, 1.3656]$.

A 20% lighter version of the original color is $[47.5150, -21.0863, 24.3993]$, and $[13.8168, -11.2477, 8.3169]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.9518, -16.8413, 17.5451]$, and if you desaturate by 10%, it is $[29.1619, -15.9345, 17.1589]$.

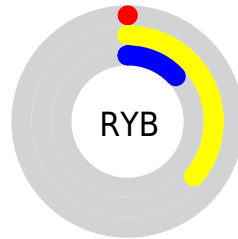
Distribution



Red (23%)

Green (36%)

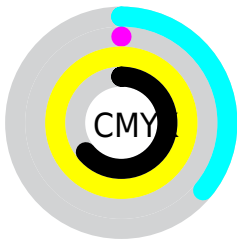
Blue (0%)



Red (0%)

Yellow (36%)

Blue (13%)

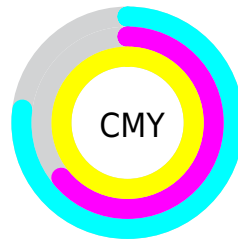


Cyan (36%)

Magenta (0%)

Yellow (100%)

Black (64%)



Cyan (77%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.9512, -16.8403, 17.5448 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 28.9512, -16.8403, 17.5448 by changing the saturation by 10% instead.

■ 28.9512, -16.8403,
17.5448

■ 28.9512, -16.8403,
17.5448

■ 133.6783,
-34.6396, 44.3934

■ 20.8336, -14.4143,
14.3409

■ 47.6489, -21.2301,
24.5098

■ 13.6592, -11.7219,
9.5614

■ 58.0976, -23.2786,
27.6867

■ 7.2640, -12.7120,
5.0848

■ 69.2149, -25.2629,
30.7131

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.9629, -27.1984,
33.6175

0.0000, NaN, NaN

■ 93.3092, -29.0963,
36.4222


0.0000, NaN, NaN


■ 106.2262,


0.0000, NaN, NaN


-30.9650, 39.1444


0.0000, NaN, NaN


 119.6897,
-32.8111, 41.7978


 28.9512, -16.8403,
17.5448


 28.9512, -16.8403,
17.5448


 28.9518, -16.8413,
17.5451

 29.1619, -15.9345,
17.1589

 29.3890, -14.9535,
16.6753

 29.6454, -13.8277,
15.9143

 29.9326, -12.5511,
14.8540

 30.2519, -11.1211,
13.4803

■ 30.6039, -9.5374,
11.7844

■ 30.9891, -7.8019,
9.7624

■ 31.4077, -5.9180,
7.4143

■ 31.8599, -3.8904,
4.7435

Harmonies

Analogous

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



28.9518, -2.4956, 18.6592



28.9512, -16.8403, 17.5448



28.9518, -25.1422, 12.8225

Triad

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



28.9518, -16.8410, 17.5449



28.9518, -15.5341, -41.5759



28.9518, 39.1068, 2.4701

Complementary

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



28.9512, -16.8403, 17.5448



10.3869, 25.0580, -49.6602

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.



28.9518, 33.3771, -17.5017



28.9512, -16.8403, 17.5448



28.9518, -0.5848, -50.2256

Square

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



28.9518, -16.8410, 17.5449



28.9518, -24.5197, -20.0740



28.9518, 17.7780, -39.5797



28.9518, 32.0177, 13.6425

Rectangle

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



28.9512, -16.8403, 17.5448



28.9518, -27.3900, 5.7450



28.9518, 17.7780, -39.5797



28.9518, 38.6107, -3.3232

Sweetspot

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



28.9518, -16.8410, 17.5449



40.4707, -10.4206, 13.0286



18.0261, 16.2547, 11.3918



19.8309, -5.4207, 6.7590



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



28.9518, -16.8410, 17.5449



37.7872, -22.2948, 22.8940



27.5194, -22.7515, 16.5588



16.2762, -1.8600, 2.2512



35.1770, -20.6829, 21.3138



82.0051, -49.6569, 49.6618

Inverse Universe

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



10.3869, 25.0580, -49.6602



13.3983, 32.5834, -66.0576



15.3230, 31.1692, -28.3114



15.2214, 0.2180, -0.6447



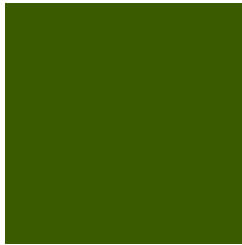
12.5085, 30.3603, -61.2114



28.4639, 70.2568, -148.3606

Previews

White Background



This preview shows how the HunterLab color 28.9512, -16.8403, 17.5448 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

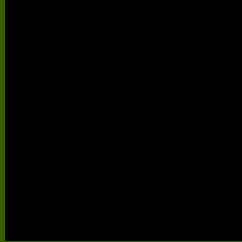
Any Text WCAG AA × Fail

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 28.9512, -16.8403, 17.5448 Background



This preview shows how black text looks on a background with the HunterLab color 28.9512, -16.8403, 17.5448.



This preview shows how white text looks on a background with the HunterLab color 28.9512, -16.8403, 17.5448.

-16.8403, 17.5448.

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

28.9512, -16.8403, 17.5448

Protanopia

28.8269, -4.4338, 17.6854

Deuteranopia

28.6967, 1.7607, 16.5312



Tritanopia

29.1226, -4.8682, -2.2901

Trichromacy



Original Color

28.9512, -16.8403, 17.5448

Protanomaly

28.6400, -9.2546, 17.4858

Deuteranomaly

28.4341, -5.7646, 16.7599

Tritanomaly

28.6564, -10.9916, 9.1833

Monochromacy



Original Color

28.9512, -16.8403, 17.5448

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

26.0701, -8.3424, 10.2721

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.9512, -16.8403, 17.5448 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(58, 91, 0)` looks like.

```
.text, #text, p{  
    color:rgb(58, 91, 0)  
}
```

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(58, 91, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 91, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 28.9512, -16.8403, 17.5448 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(58, 91, 0) }
```


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

```
.border{ border-color:rgb(58, 91, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 91, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 91, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(58, 91, 0); box-shadow:4px  
4px 4px 4px rgb(58, 91, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.9512, -16.8403, 17.5448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 91, 0) }
```

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

```
.background{ background-color: rgb(58, 91,  
0) }
```

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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