

Converting Colors

HunterLab(28.3006, -16.1957,
9.3699)

Have a look what the booklet for
HunterLab(28.3006, -16.1957,
9.3699) contains.

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Color

**HunterLab(28.4431,
-16.3585, 9.4412)**

Conversions

Conversions Part 1

Format	Color
Hex	2A5A38
RGB	42, 90, 56
RGB Percent	16%, 35%, 22%
CMY	0.8353, 0.6471, 0.7804
CMYK	0.53, 0.00, 0.38, 0.65
HSL	137°, 36%, 26%
HSV	137°, 53%, 35%
XYZ	5.3248, 8.0901, 5.0223
YIQ	71.7720, -17.6940, -20.7500

Conversions

Conversions Part 2

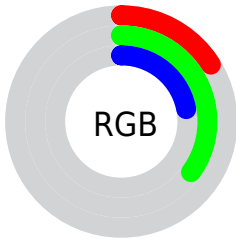
Format	Color
RYB	42, 79, 90
Decimal	2775608
CIELab	34.17, -24.93, 14.77
CIElCh	34, 28.979, 149.348
Yxy	8.0904, 0.2888, 0.4388
Android (android.graphics.Color)	4280965688 (0xFF2A5A38)
YUV	71.7720, -7.7756, -26.1100
Hunter-Lab	28.4431, -16.3585, 9.4412

Details

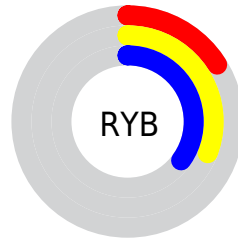
The HunterLab color **28.4431, -16.3585, 9.4412** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **20.8604, 17.8235, -6.2685**, and the grayscale version is **25.4073, -1.3557, 1.3804**.

A 20% lighter version of the original color is **47.1733, -20.9228, 12.5737**, and **13.5293, -10.8346, 6.4784** is the 20% darker color. If you saturate the color by 10%, you get **28.0411, -18.1909, 10.6691**, and if you desaturate by 10%, it is **28.9282, -14.2097, 8.1247**.

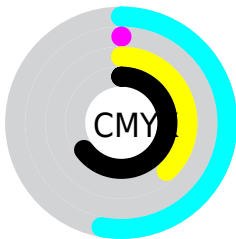
Distribution



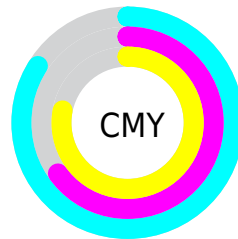
- Red (16%)
- Green (35%)
- Blue (22%)



- Red (16%)
- Yellow (31%)
- Blue (35%)



- Cyan (53%)
- Magenta (0%)
- Yellow (38%)
- Black (65%)



- Cyan (84%)
- Magenta (65%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.4431, -16.3585, 9.4412 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 28.4431, -16.3585, 9.4412 by changing the saturation by 10% instead.

■ 28.4431, -16.3585,
9.4412

■ 28.4431, -16.3585,
9.4412

132.8306,
-33.8562, 22.0150

■ 20.3786, -13.9756,
7.8600

■ 47.0484, -20.6688,
12.3846

■ 13.2644, -11.3284,
6.2670

■ 57.4560, -22.6810,
13.7951

■ 6.7949, -11.8910,
4.7564

■ 68.5346, -24.6308,
15.1833

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.2459, -26.5335,
16.5577

0.0000, NaN, NaN

■ 92.5574, -28.4000,
17.9242

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.4411,

-30.2386, 19.2872

0.0000, NaN, NaN

118.8727,
-32.0557, 20.6499

■ 28.4431, -16.3585,
9.4412

■ 28.4431, -16.3585,
9.4412

■ 28.0411, -18.1909,
10.6691

■ 28.9282, -14.2097,
8.1247

■ 27.7184, -19.6978,
11.7947

■ 29.4956, -11.7585,
6.7330

■ 27.4718, -20.8813,
12.8071

■ 30.1457, -9.0266,
5.2809

■ 27.2904, -21.7770,
13.6931

■ 30.8773, -6.0392,
3.7828

■ 27.1815, -22.3138,
14.1947

■ 31.6883, -2.8238,
2.2524

■ 32.5764, 0.5916,
0.7022

■ 33.5385, 4.1792,
-0.8568

■ 34.5714, 7.9130,
-2.4154

■ 35.6715, 11.7691,
-3.9658

Harmonies

Analogous

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



28.4437, -10.4169, 13.3944



28.4431, -16.3585, 9.4412



28.4437, -18.4350, 1.7573

Triad

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



28.4437, -16.3589, 9.4414



28.4437, -1.7395, -23.7778



28.4437, 17.4434, 9.1895

Complementary

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



28.4431, -16.3585, 9.4412



20.8604, 17.8235, -6.2685

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.



28.4437, 20.5955, 1.3376



28.4431, -16.3585, 9.4412



28.4437, 8.6275, -19.6929

Square

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



28.4437, -16.3589, 9.4414



28.4437, -10.7495, -19.3437



28.4437, 17.1686, -9.5588



28.4437, 9.0625, 13.2887

Rectangle

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



28.4431, -16.3585, 9.4412



28.4437, -17.6070, -5.2699



28.4437, 17.1686, -9.5588



28.4437, 19.1974, 7.0091

Sweetspot

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



28.4437, -16.3589, 9.4414



40.5198, -9.2807, 5.6398



30.0546, -10.5061, 14.0142



19.8630, -4.7991, 2.8905



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.



28.4437, -16.3589, 9.4414



36.9611, -24.6490, 14.5334



28.9451, -13.3786, 2.2134



16.1117, -2.3861, 1.5994



33.4375, -27.5604, 17.7010



78.1582, -65.0485, 42.7302

Inverse Universe

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



20.8604, 17.8235, -6.2685



25.1167, 29.2218, -9.7965



20.2022, 14.7755, 3.0329



15.4014, 0.7609, 0.1159



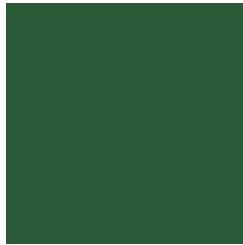
19.5906, 36.3330, -8.9185



45.6693, 84.3990, -18.4647

Previews

White Background



This preview shows how the HunterLab color 28.4431, -16.3585, 9.4412 looks on a white background.

Color Contrast Check

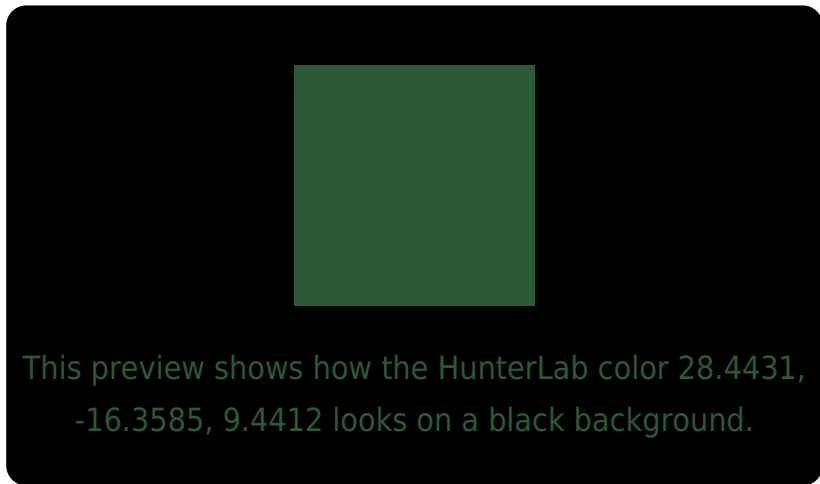
Large Text (above 18pt) WCAG AA ✓ Pass

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

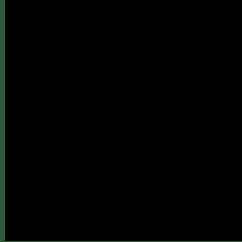
Any Text WCAG AA × Fail

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 28.4431, -16.3585, 9.4412 Background



This preview shows how black text looks on a background with the HunterLab color 28.4431, -16.3585, 9.4412.



This preview shows how white text looks on a background with the HunterLab color 28.4431,

-16.3585, 9.4412.

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

28.4431, -16.3585, 9.4412

Protanopia

28.3046, -2.7460, 10.5877

Deuteranopia

28.3838, 1.6613, 8.8760



Tritanopia

28.5477, -8.2604, -4.0616

Trichromacy



Original Color

28.4431, -16.3585, 9.4412

Protanomaly

28.1732, -8.6813, 10.1200

Deuteranomaly

28.0652, -6.1098, 8.7301

Tritanomaly

28.3266, -11.2894, 1.3718

Monochromacy



Original Color

28.4431, -16.3585, 9.4412

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

26.4148, -7.6819, 4.5731

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.4431, -16.3585, 9.4412 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(42, 90, 56)` looks like.

```
.text, #text, p{  
    color:rgb(42, 90, 56)  
}
```

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(42, 90, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 90, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 28.4431, -16.3585, 9.4412 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(42, 90, 56) }
```


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

```
.border{ border-color:rgb(42, 90, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 90, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 90, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 90, 56);  
box-shadow:4px 4px 4px 4px rgb(42, 90, 56)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.4431, -16.3585, 9.4412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 90, 56) }
```

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

```
.background{ background-color: rgb(42, 90,  
56) }
```

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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