

Converting Colors

HunterLab(27.6411, -21.0198,
2.9503)

Have a look what the booklet for
HunterLab(27.6411, -21.0198,
2.9503) contains.

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Color

**HunterLab(28.2428,
-17.9687, 3.4881)**

Conversions

Conversions Part 1

Format	Color
Hex	005B4A
RGB	0, 91, 74
RGB Percent	0%, 36%, 29%
CMY	1.0000, 0.6431, 0.7098
CMYK	1.00, 0.00, 0.19, 0.64
HSL	169°, 100%, 18%
HSV	169°, 100%, 36%
XYZ	4.9771, 7.9766, 7.7559
YIQ	61.8530, -48.7790, -24.5790

Conversions

Conversions Part 2

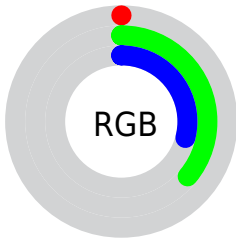
Format	Color
RYB	0, 50, 91
Decimal	23370
CIELab	33.93, -28.17, 3.19
CIELCh	34, 28.352, 173.545
Yxy	7.9769, 0.2403, 0.3852
Android (android.graphics.Color)	4278213450 (0xFF005B4A)
YUV	61.8530, 5.9885, -54.2451
Hunter-Lab	28.2428, -17.9687, 3.4881

Details

The HunterLab color **28.2428, -17.9687, 3.4881** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **15.0492, 26.0397, 7.6391**, and the grayscale version is **21.8900, -1.1680, 1.1893**.

A 20% lighter version of the original color is **46.8715, -22.7571, 4.7799**, and **13.7663, -9.3737, 3.0285** is the 20% darker color. If you saturate the color by 10%, you get **28.2433, -17.9692, 3.4886**, and if you desaturate by 10%, it is **28.3881, -17.3010, 3.0229**.

Distribution



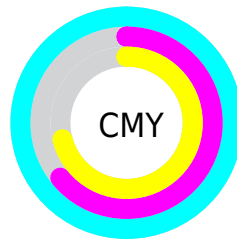
- Red (0%)
- Green (36%)
- Blue (29%)



- Red (0%)
- Yellow (20%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (71%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.2428, -17.9687, 3.4881 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 28.2428, -17.9687, 3.4881 by changing the saturation by 10% instead.

■ 28.2428, -17.9687,
3.4881

■ 28.2428, -17.9687,
3.4881

132.4954,
-37.1263, 10.5575

■ 20.1994, -15.3017,
2.8280

■ 46.8114, -22.7512,
4.8818

■ 13.1091, -12.3404,
2.1867

■ 57.2026, -24.9678,
5.6171

■ 6.5999, -11.5499,
2.3611

■ 68.2659, -27.1067,
6.3781

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.9627, -29.1860,
7.1648

0.0000, NaN, NaN

■ 92.2603, -31.2189,
7.9765

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.1308,

-33.2151, 8.8129

0.0000, NaN, NaN

■ 118.5497,
-35.1823, 9.6734

■ 28.2428, -17.9687,
3.4881

■ 28.2428, -17.9687,
3.4881

■ 28.2433, -17.9692,
3.4886

■ 28.3881, -17.3010,
3.0229

■ 28.5561, -16.5419,
2.5741

■ 28.7847, -15.5455,
2.1886

■ 29.0791, -14.2987,
1.8754

■ 29.4426, -12.7971,
1.6411

■ 29.8777, -11.0430,
1.4906

■ 30.3856, -9.0445,
1.4266

■ 30.9666, -6.8141,
1.4503

■ 31.6202, -4.3680,
1.5612

Harmonies

Analogous

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



28.2433, -15.1823, 10.2828



28.2428, -17.9687, 3.4881



28.2433, -16.8559, -6.6464

Triad

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



28.2433, -17.9688, 3.4884



28.2433, 6.4607, -20.4630



28.2433, 10.6466, 12.5269

Complementary

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



28.2428, -17.9687, 3.4881



15.0492, 26.0397, 7.6391

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.



28.2433, 18.0314, 7.8279



28.2428, -17.9687, 3.4881



28.2433, 15.3926, -11.3968

Square

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



28.2433, -17.9688, 3.4884



28.2433, -3.6060, -22.8572



28.2433, 19.8774, -0.5636



28.2433, 0.6520, 14.2181

Rectangle

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



28.2428, -17.9687, 3.4881



28.2433, -13.9650, -13.9005



28.2433, 19.8774, -0.5636



28.2433, 13.5689, 11.3445

Sweetspot

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



28.2433, -17.9688, 3.4884



39.6649, -12.0823, 1.8683



27.5917, -22.4435, 16.6087



19.4123, -6.2858, 0.9252



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.



28.2433, -17.9688, 3.4884



36.9132, -23.5945, 4.7954



20.9492, -5.0914, -15.1931



16.1672, -2.0769, 0.8056



34.3519, -21.9322, 4.4085



80.3110, -51.7824, 11.4015

Inverse Universe

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



15.0492, 26.0397, 7.6391



19.6477, 33.9404, 10.4234



17.3841, 17.9756, 11.0263



15.3437, 0.4503, 0.9374



18.2889, 31.6060, 9.6031



42.6785, 73.5197, 24.2330

Previews

White Background



This preview shows how the HunterLab color 28.2428, -17.9687, 3.4881 looks on a white background.

Color Contrast Check

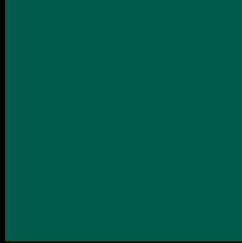
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2428, -17.9687, 3.4881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

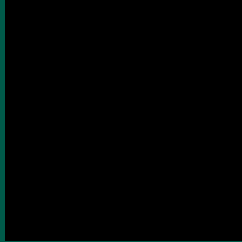
Any Text WCAG AA × Fail

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 28.2428, -17.9687, 3.4881 Background



This preview shows how black text looks on a background with the HunterLab color 28.2428, -17.9687, 3.4881.



This preview shows how white text looks on a background with the HunterLab color 28.2428,

-17.9687, 3.4881.

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

28.2428, -17.9687, 3.4881

Protanopia

28.3540, -1.9746, 6.0013

Deuteranopia

28.2266, 1.9101, 2.6786



Tritanopia

28.3526, -11.7968, -5.3758

Trichromacy



Original Color

28.2428, -17.9687, 3.4881

Protanomaly

27.4586, -10.7124, 4.2208

Deuteranomaly

27.2511, -8.3285, 1.7700

Tritanomaly

28.1994, -14.3834, -1.8336

Monochromacy



Original Color

28.2428, -17.9687, 3.4881

Achromatopsia

21.9481, -1.1711, 1.1925

Achromatomaly

23.6427, -9.6454, 1.4741

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.2428, -17.9687, 3.4881 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, 91, 74)` looks like.

```
.text, #text, p{  
    color:rgb(0, 91, 74)  
}
```

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, 91, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 91, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 28.2428, -17.9687, 3.4881 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, 91, 74) }
```


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

```
.border{ border-color:rgb(0, 91, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 91, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 91, 74); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 91, 74); box-shadow:4px  
4px 4px 4px rgb(0, 91, 74) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.2428, -17.9687, 3.4881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 91, 74) }
```

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

```
.background{ background-color: rgb(0, 91,  
74) }
```

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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