

Converting Colors

HunterLab(23.5668, -18.2132,
9.1944)

Have a look what the booklet for
HunterLab(23.5668, -18.2132,
9.1944) contains.

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Color

**HunterLab(23.6685,
-17.9850, 9.2408)**

Conversions

Conversions Part 1

Format	Color
Hex	004E28
RGB	0, 78, 40
RGB Percent	0%, 31%, 16%
CMY	1.0000, 0.6941, 0.8431
CMYK	1.00, 0.00, 0.49, 0.69
HSL	151°, 100%, 15%
HSV	151°, 100%, 31%
XYZ	3.1074, 5.6020, 2.9250
YIQ	50.3460, -34.2900, -28.3540

Conversions

Conversions Part 2

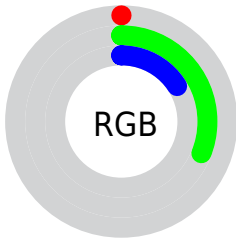
Format	Color
RYB	0, 52, 78
Decimal	20008
CIELab	28.39, -31.44, 16.63
CIELCh	28, 35.564, 152.125
Yxy	5.6022, 0.2671, 0.4815
Android (android.graphics.Color)	4278210088 (0xFF004E28)
YUV	50.3460, -5.1006, -44.1534
Hunter-Lab	23.6685, -17.9850, 9.2408

Details

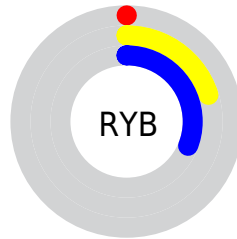
The HunterLab color **23.6685, -17.9850, 9.2408** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **13.2655, 23.7721, 0.3939**, and the grayscale version is **18.0006, -0.9605, 0.9780**.

A 20% lighter version of the original color is **41.3550, -23.4963, 12.4491**, and **10.6961, -9.1719, 6.4303** is the 20% darker color. If you saturate the color by 10%, you get **23.6690, -17.9853, 9.2411**, and if you desaturate by 10%, it is **23.8321, -17.1914, 8.5048**.

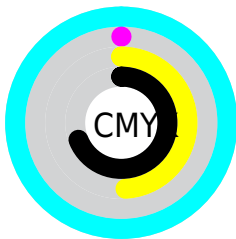
Distribution



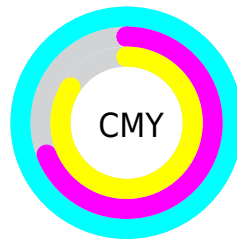
- Red (0%)
- Green (31%)
- Blue (16%)



- Red (0%)
- Yellow (20%)
- Blue (31%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.6685, -17.9850, 9.2408 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 23.6685, -17.9850, 9.2408 by changing the saturation by 10% instead.

■ 23.6685, -17.9850,
9.2408

■ 23.6685, -17.9850,
9.2408

124.6933,
-39.2694, 22.9039

■ 16.1392, -14.8513,
7.4161

■ 41.3522, -23.4520,
12.5396

■ 9.6387, -14.7393,
6.7471

■ 51.3509, -25.9389,
14.0895

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.0465, -28.3179,
15.6008

0.0000, NaN, NaN

■ 73.3961, -30.6140,
17.0857


0.0000, NaN, NaN


■ 85.3641, -32.8455,
18.5530


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 97.9200, -35.0255,


 111.0374,
-37.1641, 21.4580


 23.6685, -17.9850,
9.2408


 23.6685, -17.9850,
9.2408


 23.6690, -17.9853,
9.2411

 23.8321, -17.1914,
8.5048

 24.0121, -16.3245,
7.7118

 24.2456, -15.2374,
6.9005

 24.5381, -13.9163,
6.0821

 24.8921, -12.3622,
5.2660

■ 25.3087, -10.5819,
4.4611

■ 25.7886, -8.5868,
3.6755

■ 26.3315, -6.3917,
2.9162

■ 26.9365, -4.0140,
2.1893

Harmonies

Analogous

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



23.6690, -12.0344, 13.1606



23.6685, -17.9850, 9.2408



23.6690, -19.7432, 0.4846

Triad

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



23.6690, -17.9852, 9.2410



23.6690, -0.4279, -31.4166



23.6690, 20.8434, 10.0477

Complementary

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



23.6685, -17.9850, 9.2408



13.2655, 23.7721, 0.3939

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.



23.6690, 25.5290, 2.0649



23.6685, -17.9850, 9.2408



23.6690, 11.8603, -24.7847

Square

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



23.6690, -17.9852, 9.2410



23.6690, -10.8507, -26.3380



23.6690, 21.9626, -10.9923



23.6690, 10.1422, 13.4429

Rectangle

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



23.6685, -17.9850, 9.2408



23.6690, -18.6419, -8.2213



23.6690, 21.9626, -10.9923



23.6690, 23.2582, 7.9893

Sweetspot

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



23.6690, -17.9852, 9.2410



33.9811, -11.6474, 4.9681



24.2494, -16.2222, 14.6583



16.8898, -6.1111, 2.5927



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



23.6690, -17.9852, 9.2410



31.2305, -23.9143, 12.5886



24.4930, -12.9850, -2.5832



13.7090, -1.8649, 1.0617



75.9055, -58.9716, 32.4274

Inverse Universe

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



13.2655, 23.7721, 0.3939



17.4712, 31.2229, 1.1893



12.7271, 21.7951, 8.2238



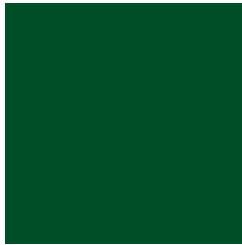
13.0938, 0.4747, 0.4140



42.3155, 75.2210, 5.9912

Previews

White Background



This preview shows how the HunterLab color 23.6685, -17.9850, 9.2408 looks on a white background.

Color Contrast Check

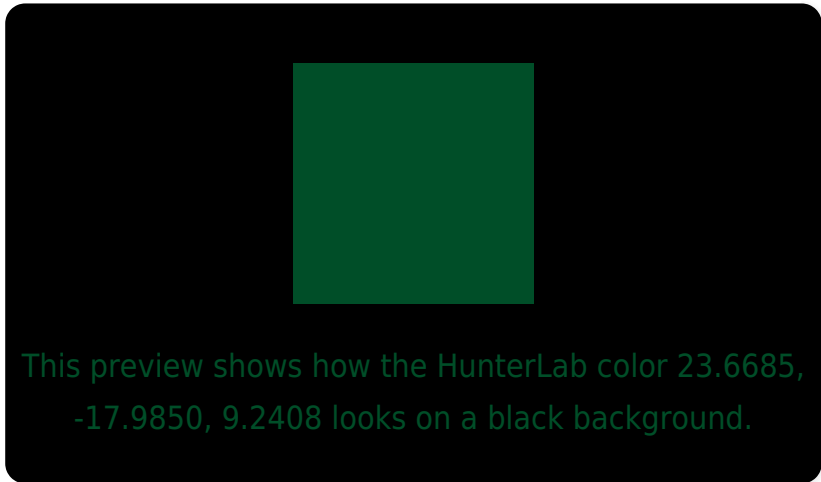
Large Text (above 18pt) WCAG AA ✓ Pass

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

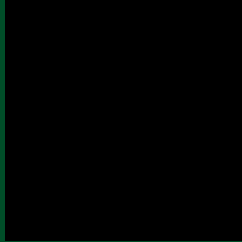
Any Text WCAG AA × Fail

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 23.6685, -17.9850, 9.2408 Background



This preview shows how black text looks on a background with the HunterLab color 23.6685, -17.9850, 9.2408.



This preview shows how white text looks on a background with the HunterLab color 23.6685,

-17.9850, 9.2408.

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

23.6685, -17.9850, 9.2408

Protanopia

23.6591, -2.5512, 10.3513

Deuteranopia

23.6443, 1.3729, 8.8625



Tritanopia

23.9849, -8.9886, -4.1388

Trichromacy



Original Color

23.6685, -17.9850, 9.2408

Protanomaly

22.9006, -10.7728, 9.3912

Deuteranomaly

22.7013, -8.5723, 8.1173

Tritanomaly

23.5632, -12.9131, 1.7099

Monochromacy



Original Color

23.6685, -17.9850, 9.2408

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

19.3289, -8.8482, 3.8269

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.6685, -17.9850, 9.2408 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, 78, 40)` looks like.

```
.text, #text, p{  
    color:rgb(0, 78, 40)  
}
```

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, 78, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 78, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 23.6685, -17.9850, 9.2408 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, 78, 40) }
```

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

```
.border{ border-color:rgb(0, 78, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 78, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 78, 40); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 78, 40); box-shadow:4px  
4px 4px 4px rgb(0, 78, 40) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.6685, -17.9850, 9.2408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 78, 40) }
```

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

```
.background{ background-color: rgb(0, 78,  
40) }
```

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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