

Converting Colors

HunterLab(28.5919, -23.5036,
16.8134)

Have a look what the booklet for
HunterLab(28.5919, -23.5036,
16.8134) contains.

HunterLab(28.4853, -23.3915, 16.7246)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(28.4853,
-23.3915, 16.7246)**

Conversions

Conversions Part 1

Format	Color
Hex	0E5E07
RGB	14, 94, 7
RGB Percent	5%, 37%, 3%
CMY	0.9451, 0.6314, 0.9725
CMYK	0.85, 0.00, 0.93, 0.63
HSL	115°, 86%, 20%
HSV	115°, 93%, 37%
XYZ	4.2222, 8.1141, 1.5447
YIQ	60.1620, -19.7530, -44.0170

Conversions

Conversions Part 2

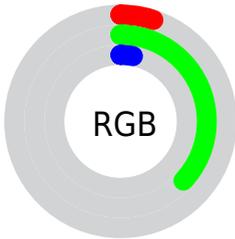
Format	Color
RYB	7, 94, 87
Decimal	941575
CIELab	34.22, -39.38, 38.17
CIELCh	34, 54.844, 135.898
Yxy	8.1145, 0.3042, 0.5845
Android (android.graphics.Color)	4279131655 (0xFF0E5E07)
YUV	60.1620, -26.2089, -40.4841
Hunter-Lab	28.4853, -23.3915, 16.7246

Details

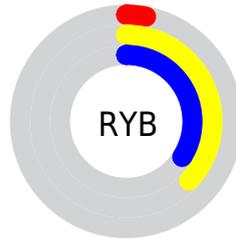
The HunterLab color $28.4853, -23.3915, 16.7246$ is a dark color, and the websafe version is hex 006600 . A complement of this color would be $17.2822, 32.0114, -25.1217$, and the grayscale version is $21.4059, -1.1422, 1.1630$.

A 20% lighter version of the original color is $46.9707, -29.6927, 23.2004$, and $14.2584, -12.2266, 8.5719$ is the 20% darker color. If you saturate the color by 10%, you get $28.3805, -23.8945, 17.0696$, and if you desaturate by 10%, it is $28.6747, -22.5123, 16.2284$.

Distribution



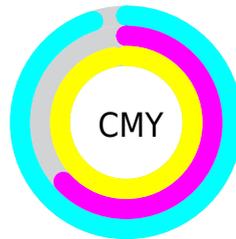
- Red (5%)
- Green (37%)
- Blue (3%)



- Red (3%)
- Yellow (37%)
- Blue (34%)



- Cyan (85%)
- Magenta (0%)
- Yellow (93%)
- Black (63%)



- Cyan (95%)
- Magenta (63%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.4853, -23.3915, 16.7246 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 28.4853, -23.3915, 16.7246 by changing the saturation by 10% instead.

■ 28.4853, -23.3915,
16.7246

■ 28.4853, -23.3915,
16.7246

■ 132.9011,
-48.3664, 41.7926

■ 20.4164, -19.7405,
13.5625

■ 47.0983, -29.8251,
23.2073

■ 13.2971, -16.0900,
9.3080

■ 57.5093, -32.7578,
26.1649

■ 6.8352, -11.9615,
4.7846

■ 68.5912, -35.5600,
28.9854

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.3055, -38.2593,
31.6961

0.0000, NaN, NaN

■ 92.6199, -40.8760,
34.3178

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.5064,

-43.4253, 36.8664

0.0000, NaN, NaN

 118.9406,
-45.9190, 39.3547

 28.4853, -23.3915,
16.7246

 28.4853, -23.3915,
16.7246

 28.3805, -23.8945,
17.0696

 28.6747, -22.5123,
16.2284

 28.9401, -21.2798,
15.4814

 29.2884, -19.6740,
14.4516

 29.7232, -17.6929,
13.1325

 30.2465, -15.3455,
11.5266

■ 30.8590, -12.6495,
9.6438

■ 31.5601, -9.6294,
7.5002

■ 32.3483, -6.3142,
5.1158

■ 33.2213, -2.7355,
2.5131

Harmonies

Analogous

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



28.4859, -10.9015, 19.0301



28.4853, -23.3915, 16.7246



28.4859, -29.1111, 8.8185

Triad

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



28.4859, -23.3919, 16.7247



28.4859, -9.9308, -57.4236



28.4859, 43.1157, 9.5577

Complementary

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



28.4853, -23.3915, 16.7246



17.2822, 32.0114, -25.1217

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.



28.4859, 43.5772, -8.3455



28.4853, -23.3915, 16.7246



28.4859, 9.2552, -56.6876

Square

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



28.4859, -23.3919, 16.7247



28.4859, -22.8435, -36.6869



28.4859, 29.9476, -35.0641



28.4859, 28.8161, 16.9607

Rectangle

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



28.4853, -23.3915, 16.7246



28.4859, -29.6260, -2.2787



28.4859, 29.9476, -35.0641



28.4859, 45.0007, 4.9125

Sweetspot

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



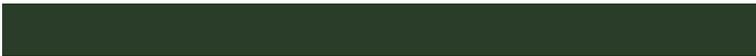
28.4859, -23.3919, 16.7247



41.1612, -15.3160, 11.7563



30.2844, -5.5923, 18.1694



20.0209, -8.0519, 6.1468



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.



28.4859, -23.3919, 16.7247



37.5247, -31.7424, 22.5668



28.6831, -21.9967, 12.5145



16.1058, -2.4666, 2.0536



33.3667, -28.1737, 20.0672



77.9708, -66.4013, 46.8828

Inverse Universe

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



17.2822, 32.0114, -25.1217



22.1280, 44.2896, -35.2727



16.8369, 28.3122, -3.1100



15.4074, 0.8485, -0.3980



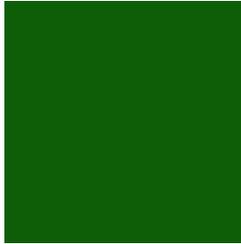
19.6856, 39.3921, -31.3103



45.8703, 91.9028, -73.8353

Previews

White Background



This preview shows how the HunterLab color 28.4853, -23.3915, 16.7246 looks on a white background.

Color Contrast Check

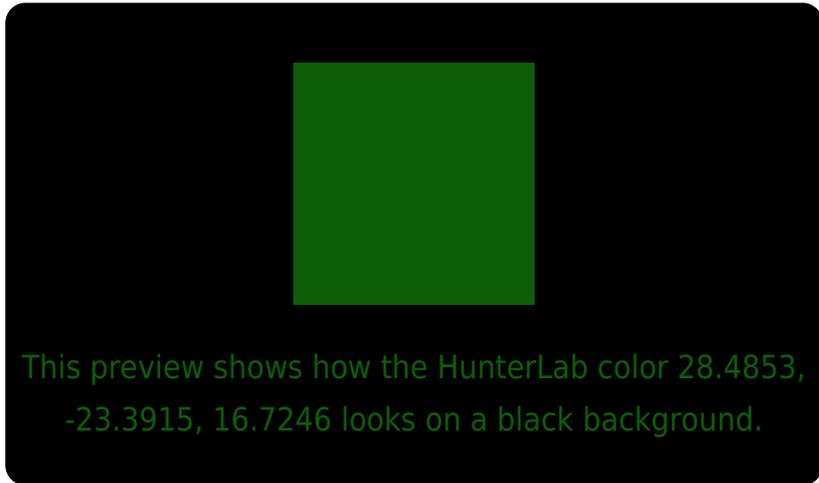
Large Text (above 18pt) WCAG AA ✓ Pass

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

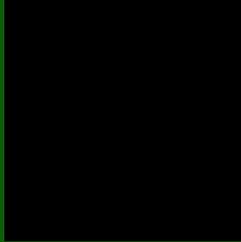
Any Text WCAG AA × Fail

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 28.4853, -23.3915, 16.7246 Background



This preview shows how black text looks on a background with the HunterLab color 28.4853, -23.3915, 16.7246.



This preview shows how white text looks on a background with the HunterLab color 28.4853,

-23.3915, 16.7246.

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

28.4853, -23.3915, 16.7246

Protanopia

28.4763, -4.3452, 17.4709

Deuteranopia

28.2661, 1.6012, 15.9573



Tritanopia

28.4534, -10.0010, -4.7086

Trichromacy



Original Color

28.4853, -23.3915, 16.7246

Protanomaly

27.7829, -13.9639, 16.6914

Deuteranomaly

27.3663, -11.0967, 15.6066

Tritanomaly

28.1983, -17.1218, 7.4934

Monochromacy



Original Color

28.4853, -23.3915, 16.7246

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

23.0400, -11.5472, 8.5966

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.4853, -23.3915, 16.7246 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(14, 94, 7)` looks like.

```
.text, #text, p{  
    color:rgb(14, 94, 7)  
}
```

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(14, 94, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 94, 7) }
```

Border

The CSS property to change the border of an element to HunterLab 28.4853, -23.3915, 16.7246 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(14, 94, 7) }
```


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

```
.border{ border-color:rgb(14, 94, 7) }
```

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

Here you see how a box with a 4 pixel rgb(14, 94, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 94, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(14, 94, 7); box-shadow:4px  
4px 4px 4px rgb(14, 94, 7) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.4853, -23.3915, 16.7246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 94, 7) }
```

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

```
.background{ background-color: rgb(14, 94,  
7) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor