

Converting Colors

HunterLab(28.5055, -7.1004,
5.2246)

Have a look what the booklet for
HunterLab(28.5055, -7.1004, 5.2246)
contains.

HunterLab(28.4340, -7.0612, 5.3150)	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(28.4340, -7.0612,
5.3150)**

Conversions

Conversions Part 1

Format	Color
Hex	465446
RGB	70, 84, 70
RGB Percent	27%, 33%, 27%
CMY	0.7255, 0.6706, 0.7255
CMYK	0.17, 0.00, 0.17, 0.67
HSL	120°, 9%, 30%
HSV	120°, 17%, 33%
XYZ	6.8016, 8.0849, 6.9964
YIQ	78.2180, -3.8500, -7.3220

Conversions

Conversions Part 2

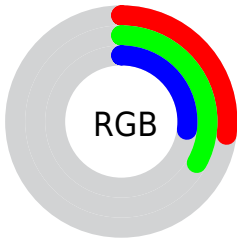
Format	Color
R_YB	70, 84, 84
Decimal	4609094
CIE Lab	34.16, -8.62, 6.38
CIE LCh	34, 10.721, 143.514
Yxy	8.0853, 0.3108, 0.3695
Android (android.graphics.Color)	4282799174 (0xFF465446)
YUV	78.2180, -4.0515, -7.2072
Hunter-Lab	28.4340, -7.0612, 5.3150

Details

The HunterLab color **28.4340, -7.0612, 5.3150** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **26.2781, 4.5975, -2.6521**, and the grayscale version is **27.6958, -1.4778, 1.5048**.

A 20% lighter version of the original color is **47.1272, -9.4991, 7.3103**, and **13.2279, -4.9405, 3.4169** is the 20% darker color. If you saturate the color by 10%, you get **27.7410, -9.9996, 7.3007**, and if you desaturate by 10%, it is **29.2121, -3.8575, 3.1504**.

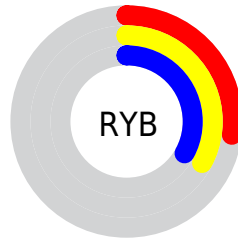
Distribution



 Red (27%)

 Green (33%)

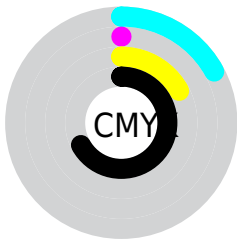
 Blue (27%)



 Red (27%)

 Yellow (33%)

 Blue (33%)

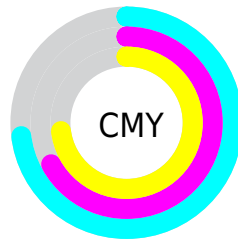



 Cyan (17%)


 Magenta (0%)

 Yellow (17%)

 Black (67%)



 Cyan (73%)

 Magenta (67%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.4340, -7.0612, 5.3150 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 28.4340, -7.0612, 5.3150 by changing the saturation by 10% instead.

■ 28.4340, -7.0612,
5.3150

■ 28.4340, -7.0612,
5.3150

■ 132.8154,
-16.6021, 13.8379

■ 20.3705, -5.9981,
4.4170

■ 47.0377, -9.1438,
7.1129

■ 13.2573, -4.8922,
3.4993

■ 57.4445, -10.1820,
8.0256

■ 6.7862, -5.8974,
4.2635

■ 68.5224, -11.2254,
8.9522

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.2331, -12.2772,
9.8945

0.0000, NaN, NaN

■ 92.5439, -13.3395,
10.8537

0.0000, NaN, NaN

105.4270,

0.0000, NaN, NaN

-14.4138, 11.8304

0.0000, NaN, NaN

118.8580,
-15.5011, 12.8251

■ 28.4340, -7.0612,
5.3150

■ 28.4340, -7.0612,
5.3150

■ 27.7410, -9.9996,
7.3007

■ 29.2121, -3.8575,
3.1504

■ 27.1333, -12.6399,
9.0852

■ 30.0707, -0.4193,
0.8278

■ 26.6125, -14.9553,
10.6503

■ 31.0073, 3.2203,
-1.6303

■ 26.1784, -16.9242,
11.9814

■ 32.0181, 7.0305,
-4.2030

■ 25.8296, -18.5337,
13.0697

■ 33.0993, 10.9829,
-6.8712

■ 25.5629, -19.7812,
13.9132

■ 34.2471, 15.0521,
-9.6176

■ 25.3734, -20.6767,
14.5188

■ 35.4574, 19.2161,
-12.4273

■ 25.2293, -21.3632,
14.9831

■ 36.7264, 23.4559,
-15.2875

■ 25.1813, -21.5929,
15.1384

■ 38.0506, 27.7556,
-18.1875

Harmonies

Analogous

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



28.4346, -4.3258, 7.1232



28.4340, -7.0612, 5.3150



28.4346, -8.3039, 2.3082

Triad

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



28.4346, -7.0618, 5.3154



28.4346, -2.3249, -6.1053



28.4346, 5.3658, 4.1391

Complementary

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



28.4340, -7.0612, 5.3150



26.2781, 4.5975, -2.6521

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.



28.4346, 5.9691, 0.7658



28.4340, -7.0612, 5.3150



28.4346, 1.4016, -5.4509

Square

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



28.4346, -7.0618, 5.3154



28.4346, -5.6616, -4.5064



28.4346, 4.4844, -2.8183



28.4346, 2.8758, 6.5078

Rectangle

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



28.4340, -7.0612, 5.3150



28.4346, -8.1657, -0.0942



28.4346, 4.4844, -2.8183



28.4346, 5.8011, 3.0974

Sweetspot

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



28.4346, -7.0618, 5.3154



38.7717, -4.4375, 3.7173



29.4416, -3.4303, 6.4128



19.6019, -2.3424, 1.9466



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



28.4346, -7.0618, 5.3154



37.1988, -10.9407, 8.1113



28.5988, -6.1332, 2.9585



14.4639, -2.2523, 1.7926



31.6413, -27.1323, 19.0221



75.9878, -65.1594, 45.6824

Inverse Universe

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



26.2781, 4.5975, -2.6521



33.6813, 8.0939, -4.8962



26.0789, 3.5480, 0.1688



13.8989, 0.7991, -0.2926



19.9667, 39.2550, -26.3329



47.9508, 94.2722, -63.2392

Previews

White Background



This preview shows how the HunterLab color 28.4340, -7.0612, 5.3150 looks on a white background.

Color Contrast Check

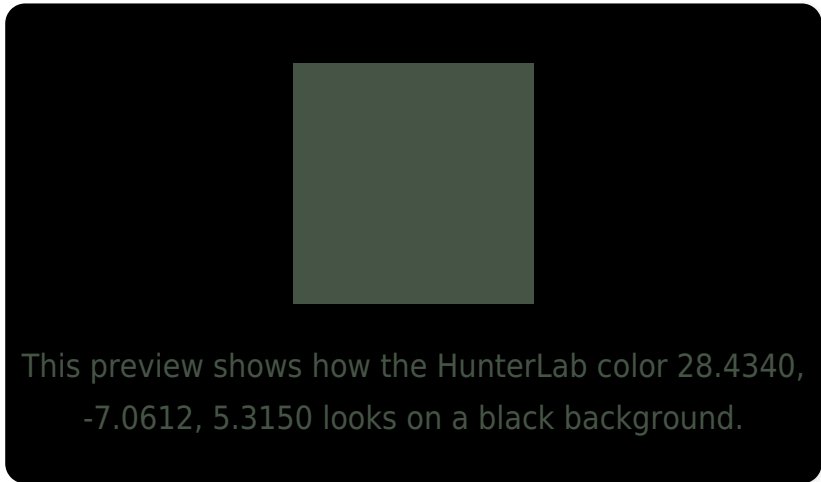
Large Text (above 18pt) WCAG AA ✓ Pass

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

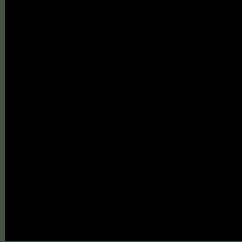
Any Text WCAG AA × Fail

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 28.4340, -7.0612, 5.3150 Background



This preview shows how black text looks on a background with the HunterLab color 28.4340, -7.0612, 5.3150.



This preview shows how white text looks on a background with the HunterLab color 28.4340, -7.0612,

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

28.4340, -7.0612, 5.3150

Protanopia

28.3540, -1.9746, 6.0013

Deuteranopia

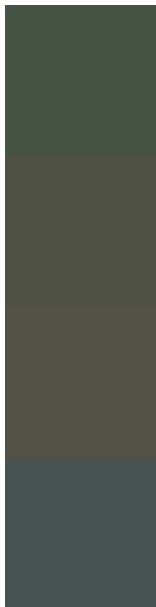
28.2610, 1.7392, 4.9384



Tritanopia

28.2947, -2.5070, -1.9551

Trichromacy



Original Color

28.4340, -7.0612, 5.3150

Protanomaly

28.2432, -3.6614, 5.5199

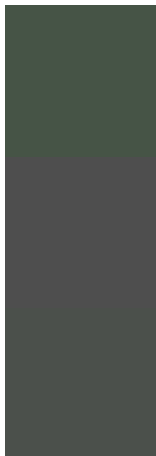
Deuteranomaly

28.3395, -1.8928, 4.9578

Tritanomaly

28.2956, -4.2545, 1.0494

Monochromacy



Original Color

28.4340, -7.0612, 5.3150

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

27.8230, -3.5226, 2.8977

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.4340, -7.0612, 5.3150 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(70, 84, 70)` looks like.

```
.text, #text, p{  
    color:rgb(70, 84, 70)  
}
```

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(70, 84, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 84, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 28.4340, -7.0612, 5.3150 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(70, 84, 70) }
```


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

```
.border{ border-color:rgb(70, 84, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 84, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 84, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 84, 70);  
box-shadow:4px 4px 4px 4px rgb(70, 84, 70)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.4340, -7.0612, 5.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 84, 70) }
```

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

```
.background{ background-color: rgb(70, 84,  
70) }
```

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