

Converting Colors

HunterLab(28.0575, 13.4712,
-34.2318)

Have a look what the booklet for
HunterLab(28.0575, 13.4712,
-34.2318) contains.

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Color

**HunterLab(28.0471, 13.3836,
-34.1185)**

Conversions

Conversions Part 1

Format	Color
Hex	4B478B
RGB	75, 71, 139
RGB Percent	29%, 28%, 55%
CMY	0.7059, 0.7216, 0.4549
CMYK	0.46, 0.49, 0.00, 0.45
HSL	244°, 32%, 41%
HSV	244°, 49%, 55%
XYZ	9.8151, 7.8664, 25.4271
YIQ	79.9480, -19.4440, 21.9960

Conversions

Conversions Part 2

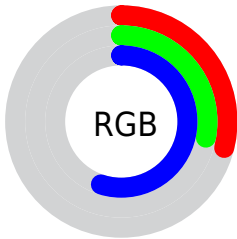
Format	Color
R _Y B	75, 71, 139
Decimal	4933515
CIE Lab	33.70, 20.34, -37.47
CIE LCh	34, 42.632, 298.499
Yxy	7.8667, 0.2277, 0.1825
Android (android.graphics.Color)	4283123595 (0xFF4B478B)
YUV	79.9480, 29.1126, -4.3394
Hunter-Lab	28.0471, 13.3836, -34.1185

Details

The HunterLab color $28.0471, 13.3836, -34.1185$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $49.0622, -11.7792, 22.8216$, and the grayscale version is $28.2080, -1.5051, 1.5326$.

A 20% lighter version of the original color is $46.4284, 14.7695, -35.5609$, and $13.0174, 11.3083, -33.8320$ is the 20% darker color. If you saturate the color by 10%, you get $24.1287, 17.7713, -44.8421$, and if you desaturate by 10%, it is $32.2868, 9.4732, -24.7944$.

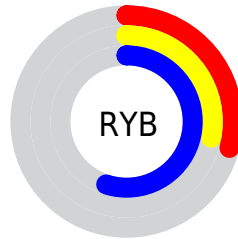
Distribution



Red (29%)

Green (28%)

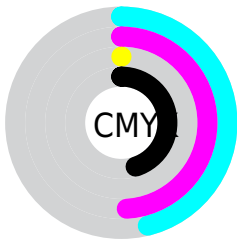
Blue (55%)



Red (29%)

Yellow (28%)

Blue (55%)

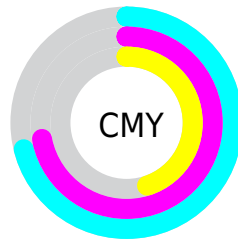


Cyan (46%)

Magenta (49%)

Yellow (0%)

Black (45%)



Cyan (71%)

Magenta (72%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.0471, 13.3836, -34.1185 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 28.0471, 13.3836, -34.1185 by changing the saturation by 10% instead.

■ 28.0471, 13.3836,
-34.1185

■ 28.0471, 13.3836,
-34.1185

■ 132.1675, 16.4409,
-39.1348

■ 20.0244, 12.5416,
-33.8718

■ 46.5797, 14.6745,
-35.2667

■ 12.9577, 11.5389,
-34.3596

■ 56.9548, 15.1583,
-35.9173

■ 6.4033, 13.5224,
-41.4625

■ 68.0030, 15.5515,
-36.5552

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 79.6856, 15.8639,
-37.1613

0.0000, NaN, NaN

■ 91.9697, 16.1032,
-37.7259

0.0000, NaN, NaN

104.8272, 16.2757,

0.0000, NaN, NaN

-38.2441

0.0000, NaN, NaN

118.2337, 16.3868,
-38.7140

■ 28.0471, 13.3836,
-34.1185

■ 28.0471, 13.3836,
-34.1185

■ 24.1287, 17.7713,
-44.8421

■ 32.2868, 9.4732,
-24.7944

■ 20.6288, 22.6558,
-57.0964

■ 36.7784, 5.9577,
-16.6103

■ 17.6871, 27.8449,
-70.4942

■ 41.4752, 2.7515,
-9.3130

■ 15.4775, 32.6862,
-83.4609

■ 46.3438, -0.2173,
-2.6967

■ 13.9949, 36.6877,
-94.2168

■ 51.3600, -3.0049,
3.3975

■ 13.8451, 37.1737,
-95.4200

■ 56.5053, -5.6541,
9.0894

■ 61.7658, -8.1974,
14.4692

■ 67.1304, -10.6594,
19.6054

■ 72.5900, -13.0588,
24.5502

Harmonies

Analogous

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



28.0476, -2.2384, -41.1479



28.0471, 13.3836, -34.1185



28.0476, 27.0645, -16.5816

Triad

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



28.0476, 13.3837, -34.1176



28.0476, 14.9420, 16.1760



28.0476, -24.6211, 2.2255

Complementary

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



28.0471, 13.3836, -34.1185



49.0622, -11.7792, 22.8216

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.



28.0476, -21.8418, 12.2943



28.0471, 13.3836, -34.1185



28.0476, -0.7499, 17.3332

Square

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



28.0476, 13.3837, -34.1176



28.0476, 28.0873, 11.6020



28.0476, -13.8060, 16.4055



28.0476, -22.3517, -14.6697

Rectangle

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



28.0471, 13.3836, -34.1185



28.0476, 32.1195, -4.4135



28.0476, -13.8060, 16.4055



28.0476, -24.2595, 6.3980

Sweetspot

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



28.0476, 13.3837, -34.1176



57.8197, 2.2220, -9.1882



45.4969, -16.8193, -4.0909



27.1764, 1.4277, -5.2190



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



28.0476, 13.3837, -34.1176



31.6144, 24.6352, -62.1241



30.9581, 21.6255, -27.3255



22.1481, -0.0730, -1.3604



13.1635, 35.3234, -90.5668



1.1451, 2.9370, -6.8256

Inverse Universe

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



34.2707, 29.9977, -18.0120



42.2422, 49.6615, -29.8557



46.6066, -21.0320, 20.7668



22.6362, 1.5601, -0.5358



25.3565, 49.2425, -28.7210



2.0840, 4.0736, -2.5660

Previews

White Background



This preview shows how the HunterLab color 28.0471, 13.3836, -34.1185 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 28.0471, 13.3836, -34.1185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

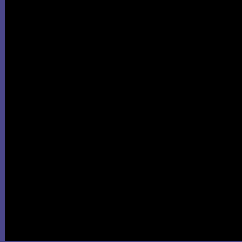
Any Text WCAG AA × Fail

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 28.0471, 13.3836, -34.1185 Background



This preview shows how black text looks on a background with the HunterLab color 28.0471, 13.3836, -34.1185.



This preview shows how white text looks on a background with the HunterLab color 28.0471, 13.3836, -34.1185.

-34.1185.

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

28.0471, 13.3836, -34.1185

Protanopia

28.1247, 6.9308, -39.0206

Deuteranopia

28.0777, 2.0009, -32.6397



Tritanopia

28.1067, -5.8687, -2.7204

Trichromacy



Original Color

28.0471, 13.3836, -34.1185

Protanomaly

28.0287, 8.9340, -37.5427

Deuteranomaly

27.9208, 5.5307, -33.7578

Tritanomaly

27.9495, 0.2428, -12.2808

Monochromacy



Original Color

28.0471, 13.3836, -34.1185

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.0482, 2.7489, -8.6943

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.0471, 13.3836, -34.1185 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(75, 71, 139)` looks like.

```
.text, #text, p{  
    color:rgb(75, 71, 139)  
}
```

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(75, 71, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 71, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 28.0471, 13.3836, -34.1185 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(75, 71, 139) }
```


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

```
.border{ border-color:rgb(75, 71, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 71, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 71, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 71, 139);  
box-shadow:4px 4px 4px 4px rgb(75, 71,  
139) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.0471, 13.3836, -34.1185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 71, 139) }
```

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

```
.background{ background-color: rgb(75, 71,  
139) }
```

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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