

Converting Colors

HunterLab(28.2348, -3.5388,
13.0068)

Have a look what the booklet for
HunterLab(28.2348, -3.5388,
13.0068) contains.

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Color

**HunterLab(28.2349, -3.3026,
12.9353)**

Conversions

Conversions Part 1

Format	Color
Hex	585029
RGB	88, 80, 41
RGB Percent	35%, 31%, 16%
CMY	0.6549, 0.6863, 0.8392
CMYK	0.00, 0.09, 0.53, 0.65
HSL	50°, 36%, 25%
HSV	50°, 53%, 35%
XYZ	7.2934, 7.9721, 3.2521
YIQ	77.9460, 17.2870, -10.4330

Conversions

Conversions Part 2

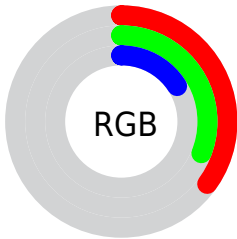
Format	Color
R_{YB}	51, 88, 41
Decimal	5787689
CIE Lab	33.93, -2.72, 24.02
CIE LCh	34, 24.178, 96.466
Yxy	7.9725, 0.3939, 0.4305
Android (android.graphics.Color)	4283977769 (0xFF585029)
YUV	77.9460, -18.2144, 8.8174
Hunter-Lab	28.2349, -3.3026, 12.9353

Details

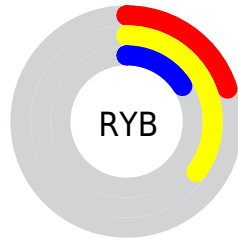
The HunterLab color **28.2349, -3.3026, 12.9353** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **18.3643, 4.5470, -18.4119**, and the grayscale version is **27.6418, -1.4749, 1.5018**.

A 20% lighter version of the original color is **46.7735, -4.6963, 17.3097**, and **13.2438, -1.8044, 8.1292** is the 20% darker color. If you saturate the color by 10%, you get **27.7505, -3.2261, 14.0930**, and if you desaturate by 10%, it is **28.7449, -3.2604, 11.4776**.

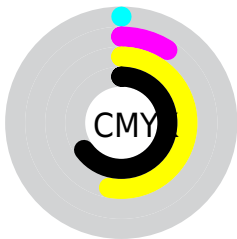
Distribution



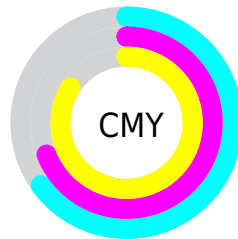
- Red (35%)
- Green (31%)
- Blue (16%)



- Red (20%)
- Yellow (35%)
- Blue (16%)



- Cyan (0%)
- Magenta (9%)
- Yellow (53%)
- Black (65%)



- Cyan (65%)
- Magenta (69%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.2349, -3.3026, 12.9353 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 28.2349, -3.3026, 12.9353 by changing the saturation by 10% instead.

■ 28.2349, -3.3026,
12.9353

■ 28.2349, -3.3026,
12.9353

132.4824,
-10.1066, 30.3017

■ 20.1924, -2.6791,
10.5382

■ 46.8022, -4.6324,
17.2494

■ 13.1031, -2.0782,
9.1722

■ 57.1927, -5.3374,
19.2526

■ 6.5922, -2.1520,
4.6146

■ 68.2554, -6.0690,
21.1882

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.9516, -6.8267,
23.0727

0.0000, NaN, NaN

■ 92.2488, -7.6099,
24.9183

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.1188, -8.4180,

118.5372, -9.2504,
28.5266

28.2349, -3.3026,
12.9353

28.2349, -3.3026,
12.9353

27.7505, -3.2261,
14.0930

28.7449, -3.2604,
11.4776

27.2892, -3.0310,
14.9551

29.2787, -3.0953,
9.7179

26.8509, -2.7231,
15.5324

29.8370, -2.8082,
7.6586

26.4323, -2.3216,
15.8732

30.4197, -2.4001,
5.3044

26.1594, -2.0488,
16.0834

31.0266, -1.8732,
2.6622

■ 31.6573, -1.2299,
-0.2598

■ 32.3114, -0.4737,
-3.4518

■ 32.9884, 0.3918,
-6.9035

■ 33.6879, 1.3627,
-10.6039

Harmonies

Analogous

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



28.2356, 5.2324, 12.3039



28.2349, -3.3026, 12.9353



28.2356, -10.4781, 11.3091

Triad

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



28.2356, -3.3036, 12.9356



28.2356, -13.3551, -9.2009



28.2356, 14.8725, -5.3094

Complementary

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



28.2349, -3.3026, 12.9353



18.3643, 4.5470, -18.4119

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.



28.2356, 8.7436, -13.8156



28.2349, -3.3026, 12.9353



28.2356, -7.6702, -16.4828

Square

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



28.2356, -3.3036, 12.9356



28.2356, -15.8273, -0.2482



28.2356, 0.3334, -18.3806



28.2356, 16.3932, 3.2126

Rectangle

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



28.2349, -3.3026, 12.9353



28.2356, -13.7460, 8.7735



28.2356, 0.3334, -18.3806



28.2356, 13.2507, -8.3327

Sweetspot

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



28.2356, -3.3036, 12.9356



39.9820, -3.3593, 8.0275



19.7170, 14.2455, 3.4545



20.0760, -1.7260, 4.2391



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.



28.2356, -3.3036, 12.9356



36.5278, -4.2113, 18.9832



29.2584, -10.6534, 13.5912



15.3866, -1.0875, 2.0607



32.0251, -2.3271, 19.6930



75.1539, -4.2779, 46.2346

Inverse Universe

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



18.3643, 4.5470, -18.4119



20.8093, 9.1943, -33.0151



17.6859, 11.2255, -19.8564



14.5244, -0.4667, -0.5259



12.2620, 20.4526, -59.4778



27.3629, 54.4923, -151.8344

Previews

White Background



This preview shows how the HunterLab color 28.2349, -3.3026, 12.9353 looks on a white background.

Color Contrast Check

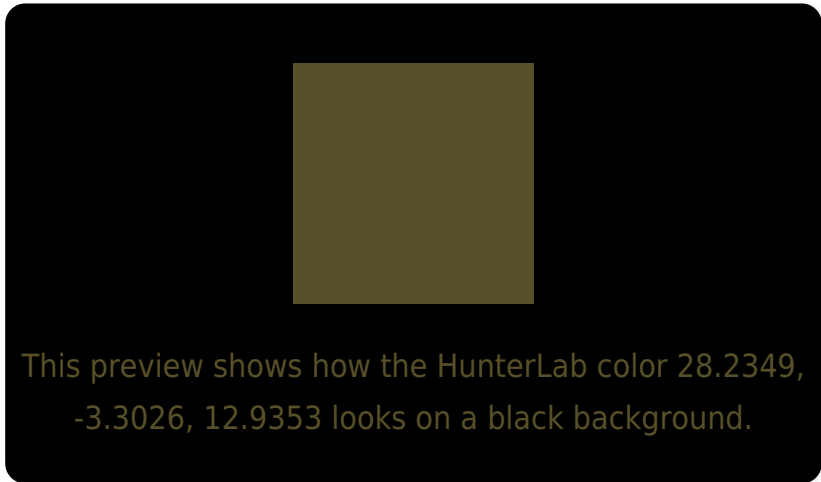
Large Text (above 18pt) WCAG AA ✓ Pass

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

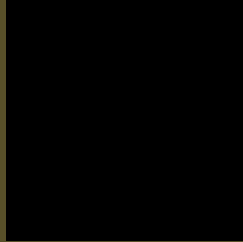
Any Text WCAG AA × Fail

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 28.2349, -3.3026, 12.9353 Background



This preview shows how black text looks on a background with the HunterLab color 28.2349, -3.3026, 12.9353.

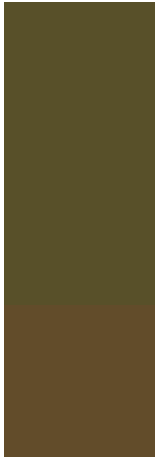


This preview shows how white text looks on a background with the HunterLab color 28.2349, -3.3026, 12.9353.

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

28.2349, -3.3026, 12.9353

Protanopia

28.2349, -3.3026, 12.9353

Deuteranopia

28.1651, 1.6616, 12.7731



Tritanopia

28.1097, 4.2438, 0.9758

Trichromacy



Original Color

28.2349, -3.3026, 12.9353

Protanomaly

28.2349, -3.3026, 12.9353

Deuteranomaly

28.0261, -0.0809, 12.6341

Tritanomaly

28.1518, 1.1526, 6.5119

Monochromacy



Original Color

28.2349, -3.3026, 12.9353

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

27.8702, -2.4681, 6.4912

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.2349, -3.3026, 12.9353 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(88, 80, 41)` looks like.

```
.text, #text, p{  
    color:rgb(88, 80, 41)  
}
```

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(88, 80, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 80, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 28.2349, -3.3026, 12.9353 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(88, 80, 41) }
```


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

```
.border{ border-color:rgb(88, 80, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 80, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 80, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 80, 41);  
box-shadow:4px 4px 4px 4px rgb(88, 80, 41)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.2349, -3.3026, 12.9353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 80, 41) }
```

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

```
.background{ background-color: rgb(88, 80,  
41) }
```

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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