

Converting Colors

HunterLab(37.0427, -27.7770,
19.7065)

Have a look what the booklet for
HunterLab(37.0427, -27.7770,
19.7065) contains.

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Color

**HunterLab(37.0329,
-27.7982, 19.6606)**

Conversions

Conversions Part 1

Format	Color
Hex	257724
RGB	37, 119, 36
RGB Percent	15%, 47%, 14%
CMY	0.8549, 0.5333, 0.8588
CMYK	0.69, 0.00, 0.70, 0.53
HSL	119°, 54%, 30%
HSV	119°, 70%, 47%
XYZ	7.6782, 13.7144, 3.9116
YIQ	85.0200, -22.2290, -43.1970

Conversions

Conversions Part 2

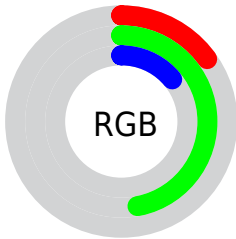
Format	Color
R_{YB}	36, 119, 118
Decimal	2455332
CIE _{Lab}	43.82, -41.70, 37.15
CIE _{LCh}	44, 55.848, 138.307
Yxy	13.7149, 0.3034, 0.5420
Android (android.graphics.Color)	4280645412 (0xFF257724)
YUV	85.0200, -24.1669, -42.1135
Hunter-Lab	37.0329, -27.7982, 19.6606

Details

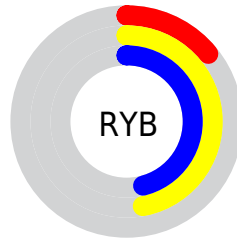
The HunterLab color **37.0329, -27.7982, 19.6606** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **25.3886, 35.9505, -24.4855**, and the grayscale version is **30.2393, -1.6135, 1.6430**.

A 20% lighter version of the original color is **57.0444, -34.0897, 25.6210**, and **20.6307, -17.6908, 12.4028** is the 20% darker color. If you saturate the color by 10%, you get **36.7020, -29.3574, 20.6966**, and if you desaturate by 10%, it is **37.4884, -25.6864, 18.2445**.

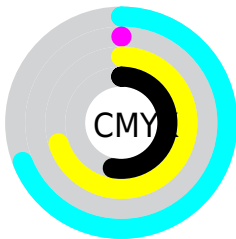
Distribution



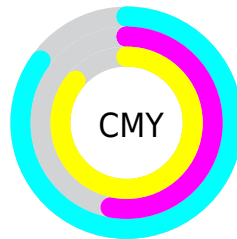
- Red (15%)
- Green (47%)
- Blue (14%)



- Red (14%)
- Yellow (47%)
- Blue (46%)



- Cyan (69%)
- Magenta (0%)
- Yellow (70%)
- Black (53%)



- Cyan (85%)
- Magenta (53%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.0329, -27.7982, 19.6606 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 37.0329, -27.7982, 19.6606 by changing the saturation by 10% instead.

■ 37.0329, -27.7982,
19.6606

■ 37.0329, -27.7982,
19.6606

146.7822,
-53.0362, 43.2724

■ 28.1472, -24.2713,
16.3810

■ 57.0810, -34.1675,
25.6164

■ 20.1134, -20.3932,
13.2705

■ 68.1368, -37.1155,
28.3761

■ 13.0348, -16.8363,
9.1243

■ 79.8266, -39.9501,
31.0293

■ 6.5042, -11.3823,
4.5529

■ 92.1177, -42.6935,
33.5965

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.9818,
-45.3623, 36.0932

0.0000, NaN, NaN

■ 118.3946,

0.0000, NaN, NaN

-47.9692, 38.5319

0.0000, NaN, NaN

132.3345,
-50.5245, 40.9223

■ 37.0329, -27.7982,
19.6606

■ 37.0329, -27.7982,
19.6606

■ 36.7020, -29.3574,
20.6966

■ 37.4884, -25.6864,
18.2445

■ 36.4836, -30.3910,
21.3731

■ 38.0725, -23.0139,
16.4422

■ 36.3401, -31.0762,
21.8344

■ 38.7897, -19.7940,
14.2617

■ 36.3365, -31.0933,
21.8461

■ 39.6413, -16.0551,
11.7221

■ 40.6262, -11.8372,
8.8503

■ 41.7419, -7.1883,
5.6789

■ 42.9846, -2.1597,
2.2433

■ 44.3491, 3.1961,
-1.4206

■ 45.8299, 8.8291,
-5.2782

Harmonies

Analogous

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



37.0337, -13.9493, 23.1803



37.0329, -27.7982, 19.6606



37.0337, -34.0766, 9.0543

Triad

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



37.0337, -27.7987, 19.6608



37.0337, -9.8939, -59.7437



37.0337, 45.2973, 12.2576

Complementary

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



37.0329, -27.7982, 19.6606



25.3886, 35.9505, -24.4855

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.



37.0337, 47.0790, -6.7500



37.0329, -27.7982, 19.6606



37.0337, 11.7382, -57.0564

Square

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



37.0337, -27.7987, 19.6608



37.0337, -25.4084, -40.2900



37.0337, 33.7037, -34.2355



37.0337, 29.2762, 20.8705

Rectangle

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



37.0329, -27.7982, 19.6606



37.0337, -34.3359, -4.0458



37.0337, 33.7037, -34.2355



37.0337, 47.6955, 7.1995

Sweetspot

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



37.0337, -27.7987, 19.6608



54.1154, -16.8932, 12.5607



41.1301, -9.6558, 22.7687



26.1990, -8.8428, 6.5363



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



37.0337, -27.7987, 19.6608



48.9097, -40.2453, 28.3261



37.5404, -24.6447, 11.8675



20.2487, -3.3093, 2.6327



37.4526, -32.0505, 22.5170



82.6610, -70.8216, 49.6955

Inverse Universe

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



25.3886, 35.9505, -24.4855



31.5335, 55.9379, -38.3527



23.9727, 29.8730, -2.9462



19.3799, 1.2926, -0.5491



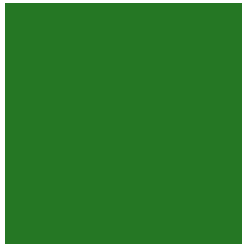
23.3985, 46.1182, -31.7600



51.6249, 101.7664, -70.1842

Previews

White Background



This preview shows how the HunterLab color 37.0329, -27.7982, 19.6606 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 × Fail

Black Background



This preview shows how the HunterLab color 37.0329, -27.7982, 19.6606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 37.0329, -27.7982, 19.6606 Background



This preview shows how black text looks on a background with the HunterLab color 37.0329, -27.7982, 19.6606.



This preview shows how white text looks on a background with the HunterLab color 37.0329,

-27.7982, 19.6606.

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

37.0329, -27.7982, 19.6606

Protanopia

36.6737, -4.8902, 20.3034

Deuteranopia

36.7410, 2.2908, 18.9915



Tritanopia

36.9523, -12.1188, -5.9531

Trichromacy



Original Color

37.0329, -27.7982, 19.6606

Protanomaly

36.1570, -15.5181, 19.6487

Deuteranomaly

35.9084, -11.8557, 18.6044

Tritanomaly

36.6875, -19.5106, 6.9912

Monochromacy



Original Color

37.0329, -27.7982, 19.6606

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

31.9117, -12.9334, 9.5714

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.0329, -27.7982, 19.6606 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(37, 119, 36)` looks like.

```
.text, #text, p{  
    color:rgb(37, 119, 36)  
}
```

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(37, 119, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 119, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 37.0329, -27.7982, 19.6606 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(37, 119, 36) }
```


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

```
.border{ border-color:rgb(37, 119, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 119, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 119, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 119, 36);  
box-shadow:4px 4px 4px 4px rgb(37, 119,  
36) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.0329, -27.7982, 19.6606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 119, 36) }
```

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

```
.background{ background-color: rgb(37, 119,  
36) }
```

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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