

Converting Colors

HunterLab(37.0726, -27.6464,
19.7287)

Have a look what the booklet for
HunterLab(37.0726, -27.6464,
19.7287) contains.

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Color

**HunterLab(37.0842,
-27.5842, 19.6997)**

Conversions

Conversions Part 1

Format	Color
Hex	277724
RGB	39, 119, 36
RGB Percent	15%, 47%, 14%
CMY	0.8471, 0.5333, 0.8588
CMYK	0.67, 0.00, 0.70, 0.53
HSL	118°, 54%, 30%
HSV	118°, 70%, 47%
XYZ	7.7520, 13.7524, 3.9150
YIQ	85.6180, -21.0370, -42.7730

Conversions

Conversions Part 2

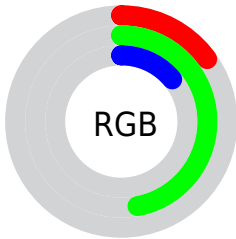
Format	Color
R_{YB}	36, 119, 116
Decimal	2586404
CIE _{Lab}	43.88, -41.25, 37.22
CIE _{LCh}	44, 55.562, 137.939
Yxy	13.7530, 0.3050, 0.5410
Android (android.graphics.Color)	4280776484 (0xFF277724)
YUV	85.6180, -24.4617, -40.8840
Hunter-Lab	37.0842, -27.5842, 19.6997

Details

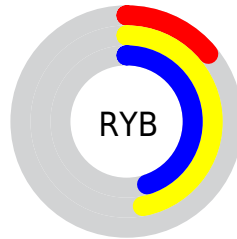
The HunterLab color $[37.0842, -27.5842, 19.6997]$ is a dark color, and the websafe version is hex 006600 . A complement of this color would be $[25.1142, 35.3985, -25.1097]$, and the grayscale version is $[30.4587, -1.6252, 1.6549]$.

A 20% lighter version of the original color is $[57.0910, -33.9022, 25.6603]$, and $[20.6307, -17.6908, 12.4028]$ is the 20% darker color. If you saturate the color by 10%, you get $[36.7436, -29.1819, 20.7269]$, and if you desaturate by 10%, it is $[37.5459, -25.4501, 18.2909]$.

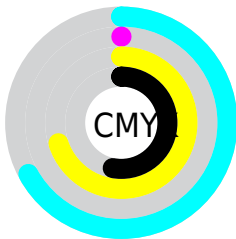
Distribution



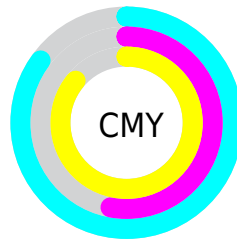
- Red (15%)
- Green (47%)
- Blue (14%)



- Red (14%)
- Yellow (47%)
- Blue (45%)



- Cyan (67%)
- Magenta (0%)
- Yellow (70%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.0842, -27.5842, 19.6997 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 37.0842, -27.5842, 19.6997 by changing the saturation by 10% instead.

■ 37.0842, -27.5842,
19.6997

■ 37.0842, -27.5842,
19.6997

146.8634,
-52.5923, 43.3465

■ 28.1940, -24.0953,
16.4153

■ 57.1402, -33.8890,
25.6645

■ 20.1553, -20.2607,
13.2975

■ 68.1997, -36.8087,
28.4285

■ 13.0710, -16.6863,
9.1497

■ 79.8929, -39.6171,
31.0857

■ 6.5510, -11.4643,
4.5857

■ 92.1872, -42.3359,
33.6567

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.0544,
-44.9814, 36.1571

0.0000, NaN, NaN

■ 118.4702,

0.0000, NaN, NaN

-47.5663, 38.5993

0.0000, NaN, NaN

132.4129,
-50.1006, 40.9932

37.0842, -27.5842,
19.6997

37.0842, -27.5842,
19.6997

36.7436, -29.1819,
20.7269

37.5459, -25.4501,
18.2909

36.5129, -30.2664,
21.3938

38.1322, -22.7738,
16.4935

36.3655, -30.9676,
21.8520

38.8469, -19.5691,
14.3147

36.3620, -30.9844,
21.8637

39.6912, -15.8640,
11.7719

40.6640, -11.6969,
8.8910

■ 41.7628, -7.1132,
5.7032

■ 42.9839, -2.1620,
2.2427

■ 44.3226, 3.1072,
-1.4555

■ 45.7735, 8.6467,
-5.3574

Harmonies

Analogous

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



37.0850, -13.6851, 23.1779



37.0842, -27.5842, 19.6997



37.0850, -33.9402, 9.2215

Triad

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



37.0850, -27.5848, 19.6999



37.0850, -10.0954, -59.1705



37.0850, 45.1381, 12.0601

Complementary

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



37.0842, -27.5842, 19.6997



25.1142, 35.3985, -25.1097

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.



37.0850, 46.7111, -7.0009



37.0842, -27.5842, 19.6997



37.0850, 11.3835, -56.8026

Square

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



37.0850, -27.5848, 19.6999



37.0850, -25.4659, -39.6755



37.0850, 33.2673, -34.3366



37.0850, 29.3566, 20.7775

Rectangle

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



37.0842, -27.5842, 19.6997



37.0850, -34.2554, -3.7272



37.0850, 33.2673, -34.3366



37.0850, 47.4564, 6.9707

Sweetspot

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



37.0850, -27.5848, 19.6999



54.1694, -16.6915, 12.6179



40.3452, -8.4845, 22.2588



26.2272, -8.7369, 6.5657



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.



37.0850, -27.5848, 19.6999



48.9551, -40.0525, 28.3585



37.4901, -24.9509, 12.5986



20.2582, -3.2754, 2.6437



37.4780, -31.9418, 22.5346



82.6845, -70.7210, 49.7117

Inverse Universe

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



25.1142, 35.3985, -25.1097



31.0463, 55.1339, -39.5892



24.0582, 30.2299, -4.1486



19.3689, 1.2555, -0.5636



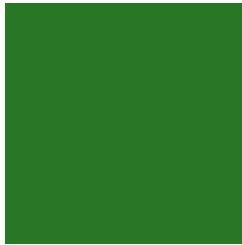
22.9460, 45.4625, -32.9770



50.5712, 100.2403, -73.0222

Previews

White Background



This preview shows how the HunterLab color 37.0842, -27.5842, 19.6997 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 37.0842, -27.5842, 19.6997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

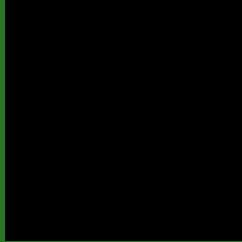
Any Text WCAG AA × Fail

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 37.0842, -27.5842, 19.6997 Background



This preview shows how black text looks on a background with the HunterLab color 37.0842, -27.5842, 19.6997.



This preview shows how white text looks on a background with the HunterLab color 37.0842, -27.5842, 19.6997.

-27.5842, 19.6997.

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

37.0842, -27.5842, 19.6997

Protanopia

36.7665, -4.5603, 20.3719

Deuteranopia

36.7410, 2.2908, 18.9915



Tritanopia

36.9941, -11.9623, -5.8925

Trichromacy



Original Color

37.0842, -27.5842, 19.6997

Protanomaly

36.2240, -15.2602, 19.6989

Deuteranomaly

35.9834, -11.5745, 18.6624

Tritanomaly

36.7232, -19.3692, 7.0306

Monochromacy



Original Color

37.0842, -27.5842, 19.6997

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

32.2768, -12.9870, 9.6156

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.0842, -27.5842, 19.6997 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(39, 119, 36)` looks like.

```
.text, #text, p{  
    color:rgb(39, 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(39, 119, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 119, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 37.0842, -27.5842, 19.6997 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(39, 119, 36) }
```


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

```
.border{ border-color:rgb(39, 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(39, 119, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 119, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 119, 36);  
box-shadow:4px 4px 4px 4px rgb(39, 119,  
36) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.0842, -27.5842, 19.6997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 119, 36) }
```

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

```
.background{ background-color: rgb(39, 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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