

Converting Colors

HunterLab(38.0163, -26.1108,
17.6314)

Have a look what the booklet for
HunterLab(38.0163, -26.1108,
17.6314) contains.

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Color

**HunterLab(38.1263,
-26.2127, 17.7965)**

Conversions

Conversions Part 1

Format	Color
Hex	2F7935
RGB	47, 121, 53
RGB Percent	18%, 47%, 21%
CMY	0.8157, 0.5255, 0.7921
CMYK	0.61, 0.00, 0.56, 0.53
HSL	125°, 44%, 33%
HSV	125°, 61%, 47%
XYZ	8.6523, 14.5361, 5.7179
YIQ	91.1220, -22.2760, -36.8360

Conversions

Conversions Part 2

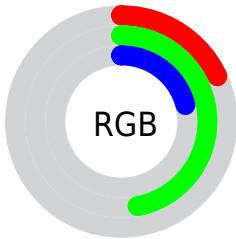
Format	Color
RYB	47, 115, 121
Decimal	3111221
CIELab	44.99, -37.97, 30.26
CIElCh	45, 48.559, 141.448
Yxy	14.5368, 0.2993, 0.5029
Android (android.graphics.Color)	4281301301 (0xFF2F7935)
YUV	91.1220, -18.7941, -38.6950
Hunter-Lab	38.1263, -26.2127, 17.7965

Details

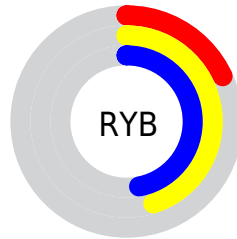
The HunterLab color $[38.1263, -26.2127, 17.7965]$ is a dark color, and the websafe version is hex 006633 . A complement of this color would be $[27.0851, 31.6628, -18.2618]$, and the grayscale version is $[32.4635, -1.7322, 1.7638]$.

A 20% lighter version of the original color is $[58.3079, -31.9307, 22.5880]$, and $[21.2543, -18.0415, 12.3804]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.6792, -28.3086, 19.2926]$, and if you desaturate by 10%, it is $[38.7037, -23.5667, 15.9783]$.

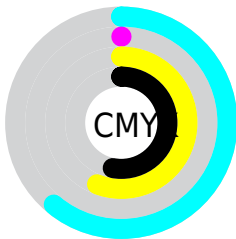
Distribution



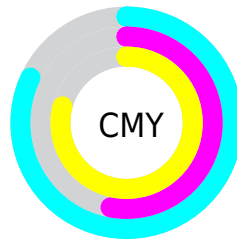
- Red (18%)
- Green (47%)
- Blue (21%)



- Red (18%)
- Yellow (45%)
- Blue (47%)



- Cyan (61%)
- Magenta (0%)
- Yellow (56%)
- Black (53%)



- Cyan (82%)
- Magenta (53%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.1263, -26.2127, 17.7965 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 38.1263, -26.2127, 17.7965 by changing the saturation by 10% instead.

■ 38.1263, -26.2127,
17.7965

■ 38.1263, -26.2127,
17.7965

148.5075,
-49.5123, 37.7825

■ 29.1460, -23.0137,
15.0959

■ 58.3425, -32.0312,
22.7398

■ 21.0077, -19.5171,
12.1742

■ 69.4745, -34.7401,
25.0521

■ 13.8105, -15.7597,
9.6674

■ 81.2363, -37.3535,
27.2891

■ 7.4348, -13.0109,
5.2044

■ 93.5959, -39.8902,
29.4665

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.5255,
-42.3646, 31.5962

0.0000, NaN, NaN

■ 120.0012,

0.0000, NaN, NaN

-44.7875, 33.6874

0.0000, NaN, NaN

134.0015,
-47.1677, 35.7476

■ 38.1263, -26.2127,
17.7965

■ 38.1263, -26.2127,
17.7965

■ 37.6792, -28.3086,
19.2926

■ 38.7037, -23.5667,
15.9783

■ 37.3535, -29.8598,
20.4624

■ 39.4130, -20.3806,
13.8507

■ 37.1399, -30.8957,
21.3142

■ 40.2564, -16.6819,
11.4351

■ 37.0093, -31.5280,
21.8015

■ 41.2332, -12.5092,
8.7585

■ 42.3412, -7.9089,
5.8516

■ 43.5766, -2.9313,
2.7465

■ 44.9345, 2.3724,
-0.5252

■ 46.4095, 7.9526,
-3.9338

■ 47.9957, 13.7633,
-7.4519

Harmonies

Analogous

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



38.1271, -14.2773, 22.1255



38.1263, -26.2127, 17.7965



38.1271, -31.4013, 6.8058

Triad

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



38.1271, -26.2133, 17.7967



38.1271, -7.2218, -49.3821



38.1271, 37.3888, 12.5562

Complementary

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



38.1263, -26.2127, 17.7965



27.0851, 31.6628, -18.2618

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.



38.1271, 40.2765, -3.3515



38.1263, -26.2127, 17.7965



38.1271, 11.9747, -45.2539

Square

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



38.1271, -26.2133, 17.7967



38.1271, -21.9023, -35.3778



38.1271, 30.2383, -25.8769



38.1271, 22.9724, 20.2703

Rectangle

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



38.1263, -26.2127, 17.7965



38.1271, -31.1908, -5.3310



38.1271, 30.2383, -25.8769



38.1271, 39.8373, 8.2413

Sweetspot

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



38.1271, -26.2133, 17.7967



55.5608, -15.1262, 10.6956



41.9503, -11.4496, 21.8482



26.4045, -7.9179, 5.5494



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.



38.1271, -26.2133, 17.7967



50.2425, -38.7255, 26.4408



38.7297, -22.5619, 9.0234



21.1063, -3.4214, 2.5877



38.3103, -32.6441, 22.5848



83.6397, -71.4982, 49.8017

Inverse Universe

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



27.0851, 31.6628, -18.2618



33.3856, 50.5226, -28.8464



25.8142, 26.1570, -0.6551



20.1796, 1.3163, -0.3911



23.6428, 45.7064, -25.1674



51.5795, 99.6240, -54.2090

Previews

White Background



This preview shows how the HunterLab color 38.1263, -26.2127, 17.7965 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 38.1263, -26.2127, 17.7965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

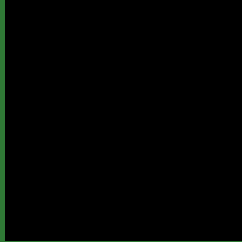
Any Text WCAG AA × Fail

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 38.1263, -26.2127, 17.7965 Background



This preview shows how black text looks on a background with the HunterLab color 38.1263, -26.2127, 17.7965.



This preview shows how white text looks on a background with the HunterLab color 38.1263, -26.2127, 17.7965.

-26.2127, 17.7965.

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

38.1263, -26.2127, 17.7965

Protanopia

37.8198, -4.7163, 18.8381

Deuteranopia

37.7889, 2.2233, 17.0436



Tritanopia

38.1949, -11.8238, -5.7599

Trichromacy



Original Color

38.1263, -26.2127, 17.7965

Protanomaly

37.2485, -14.0344, 17.9034

Deuteranomaly

36.9639, -10.4956, 16.5921

Tritanomaly

38.0841, -18.3203, 5.1570

Monochromacy



Original Color

38.1263, -26.2127, 17.7965

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

33.9624, -12.1708, 8.4571

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.1263, -26.2127, 17.7965 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(47, 121, 53)` looks like.

```
.text, #text, p{  
    color:rgb(47, 121, 53)  
}
```

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(47, 121, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 121, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 38.1263, -26.2127, 17.7965 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(47, 121, 53) }
```


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

```
.border{ border-color:rgb(47, 121, 53) }
```

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

Here you see how a box with a 4 pixel rgb(47, 121, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 121, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 121, 53);  
box-shadow:4px 4px 4px 4px rgb(47, 121,  
53) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.1263, -26.2127, 17.7965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 121, 53) }
```

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

```
.background{ background-color: rgb(47, 121,  
53) }
```

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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