

Converting Colors

HunterLab(37.4636, -26.0422,
9.3915)

Have a look what the booklet for
HunterLab(37.4636, -26.0422,
9.3915) contains.

| | |
|---|----|
| HunterLab(37.5140, -26.0769, 9.4032) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**HunterLab(37.5140,
-26.0769, 9.4032)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 007854 |
| RGB | 0, 120, 84 |
| RGB Percent | 0%, 47%, 33% |
| CMY | 1.0000, 0.5294, 0.6706 |
| CMYK | 1.00, 0.00, 0.30, 0.53 |
| HSL | 162°, 100%, 24% |
| HSV | 162°, 100%, 47% |
| XYZ | 8.3167, 14.0730, 10.6655 |
| YIQ | 80.0160, -59.9640, -36.6360 |

Conversions

Conversions Part 2

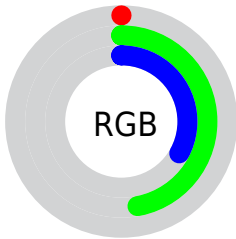
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 0, 71, 120 |
| Decimal | 30804 |
| CIELab | 44.34, -38.10, 11.84 |
| CIELCh | 44, 39.895, 162.741 |
| Yxy | 14.0736, 0.2516, 0.4257 |
| Android (android.graphics.Color) | 4278220884 (0xFF007854) |
| YUV | 80.0160, 1.9641, -70.1740 |
| Hunter-Lab | 37.5140, -26.0769, 9.4032 |

Details

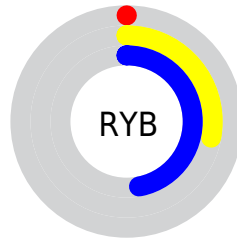
The HunterLab color **37.5140, -26.0769, 9.4032** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **20.2996, 35.3898, 8.2517**, and the grayscale version is **28.3386, -1.5121, 1.5397**.

A 20% lighter version of the original color is **57.5716, -31.8353, 11.6905**, and **21.2763, -15.7865, 7.4851** is the 20% darker color. If you saturate the color by 10%, you get **37.5147, -26.0776, 9.4040**, and if you desaturate by 10%, it is **37.6956, -25.1804, 8.4014**.

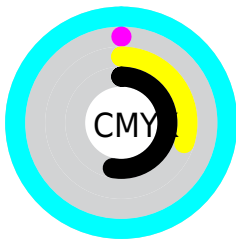
Distribution



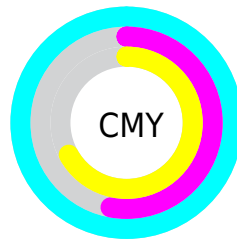
- Red (0%)
- Green (47%)
- Blue (33%)



- Red (0%)
- Yellow (28%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5140, -26.0769, 9.4032 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 37.5140, -26.0769, 9.4032 by changing the saturation by 10% instead.

■ 37.5140, -26.0769,
9.4032

■ 37.5140, -26.0769,
9.4032

147.5425,
-49.4868, 20.4926

■ 28.5864, -22.8515,
8.1235

■ 57.6363, -31.9330,
11.8839

■ 20.5063, -19.3201,
6.7901

■ 68.7259, -34.6564,
13.1065

■ 13.3751, -15.6840,
5.3694

■ 80.4475, -37.2823,
14.3261

■ 6.9301, -12.1278,
4.8511

■ 92.7688, -39.8302,
15.5470

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.6619,
-42.3144, 16.7721

0.0000, NaN, NaN

■ 119.1025,

0.0000, NaN, NaN

-44.7463, 18.0037

0.0000, NaN, NaN

133.0690,
-47.1347, 19.2435

37.5140, -26.0769,
9.4032

37.5140, -26.0769,
9.4032

37.5147, -26.0776,
9.4040

37.6956, -25.1804,
8.4014

37.9295, -24.0662,
7.4079

38.2508, -22.6016,
6.4660

38.6670, -20.7673,
5.5916

39.1837, -18.5572,
4.7984

■ 39.8042, -15.9758,
4.0976

■ 40.5303, -13.0371,
3.4979

■ 41.3623, -9.7620,
3.0054

■ 42.2994, -6.1767,
2.6239

Harmonies

Analogous

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



37.5147, -19.8846, 17.2827



37.5140, -26.0769, 9.4032



37.5147, -26.5109, -4.6374

Triad

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



37.5147, -26.0772, 9.4035



37.5147, 4.6772, -36.5668



37.5147, 22.0216, 16.4572

Complementary

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



37.5140, -26.0769, 9.4032



20.2996, 35.3898, 8.2517

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.



37.5147, 31.0521, 7.6820



37.5140, -26.0769, 9.4032



37.5147, 20.0162, -24.7250

Square

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



37.5147, -26.0772, 9.4035



37.5147, -10.3040, -35.4998



37.5147, 30.2646, -7.2005



37.5147, 7.0875, 20.0950

Rectangle

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



37.5140, -26.0769, 9.4032



37.5147, -23.5978, -16.3689



37.5147, 30.2646, -7.2005



37.5147, 25.9477, 14.2019

Sweetspot

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



37.5147, -26.0772, 9.4035



53.6746, -17.5935, 4.6929



37.2096, -29.0604, 22.4194



25.9637, -9.2321, 2.4109



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.



37.5147, -26.0772, 9.4035



49.7270, -34.7324, 12.8227



31.7679, -12.0010, -13.7997



21.1965, -2.9185, 1.2975



39.1794, -27.2571, 9.8693



85.4790, -60.0889, 22.8734

Inverse Universe

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



20.2996, 35.3898, 8.2517



26.8806, 46.7874, 11.5283



21.3711, 29.6958, 13.6882



20.0824, 0.7936, 0.9927



21.1964, 36.9441, 8.6992



46.1495, 80.1552, 21.1169

Previews

White Background



This preview shows how the HunterLab color 37.5140, -26.0769, 9.4032 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 37.5140, -26.0769, 9.4032 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 37.5140, -26.0769, 9.4032 Background



This preview shows how black text looks on a background with the HunterLab color 37.5140, -26.0769, 9.4032.



This preview shows how white text looks on a background with the HunterLab color 37.5140,

-26.0769, 9.4032.

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

37.5140, -26.0769, 9.4032

Protanopia

37.2575, -3.0521, 11.7312

Deuteranopia

37.4233, 2.0532, 8.4688



Tritanopia

37.6402, -15.3940, -7.1126

Trichromacy



Original Color

37.5140, -26.0769, 9.4032

Protanomaly

36.1533, -15.7595, 9.5553

Deuteranomaly

35.9858, -13.0579, 7.0896

Tritanomaly

37.4612, -20.1829, -0.1685

Monochromacy



Original Color

37.5140, -26.0769, 9.4032

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

30.7934, -13.6439, 3.7473

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5140, -26.0769, 9.4032 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(0, 120, 84)` looks like.

```
.text, #text, p{  
    color:rgb(0, 120, 84)  
}
```

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(0, 120, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 120, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5140, -26.0769, 9.4032 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(0, 120, 84) }
```


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

```
.border{ border-color:rgb(0, 120, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 120, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 120, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 120, 84);  
box-shadow:4px 4px 4px 4px rgb(0, 120, 84)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.5140, -26.0769, 9.4032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 120, 84) }
```

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

```
.background{ background-color: rgb(0, 120,  
84) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor