

Converting Colors

HunterLab(37.4829, -27.3283,
7.3479)

Have a look what the booklet for
HunterLab(37.4829, -27.3283,
7.3479) contains.

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Color

**HunterLab(37.9644,
-25.6129, 7.8387)**

Conversions

Conversions Part 1

Format	Color
Hex	00795A
RGB	0, 121, 90
RGB Percent	0%, 47%, 35%
CMY	1.0000, 0.5255, 0.6471
CMYK	1.00, 0.00, 0.26, 0.53
HSL	165°, 100%, 24%
HSV	165°, 100%, 47%
XYZ	8.6829, 14.4130, 11.9972
YIQ	81.2870, -62.1650, -35.2930

Conversions

Conversions Part 2

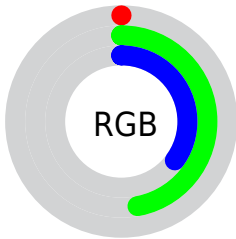
Format	Color
RYB	0, 69, 121
Decimal	31066
CIELab	44.82, -36.97, 8.98
CIELCh	45, 38.040, 166.346
Yxy	14.4135, 0.2474, 0.4107
Android (android.graphics.Color)	4278221146 (0xFF00795A)
YUV	81.2870, 4.2955, -71.2887
Hunter-Lab	37.9644, -25.6129, 7.8387

Details

The HunterLab color **37.9644, -25.6129, 7.8387** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **20.4065, 35.4296, 9.4265**, and the grayscale version is **28.7914, -1.5362, 1.5643**.

A 20% lighter version of the original color is **58.0890, -31.1941, 9.9242**, and **21.6525, -15.5688, 6.5447** is the 20% darker color. If you saturate the color by 10%, you get **37.9650, -25.6137, 7.8396**, and if you desaturate by 10%, it is **38.1396, -24.7583, 6.9326**.

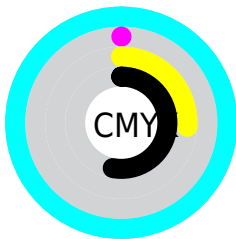
Distribution



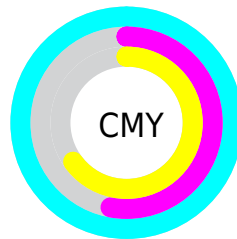
- Red (0%)
- Green (47%)
- Blue (35%)



- Red (0%)
- Yellow (27%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.9644, -25.6129, 7.8387 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 37.9644, -25.6129, 7.8387 by changing the saturation by 10% instead.

37.9644, -25.6129,
7.8387

37.9644, -25.6129,
7.8387

148.2526,
-48.4310, 17.6463

28.9980, -22.4886,
6.7642

58.1558, -31.3000,
9.9660

20.8750, -19.0755,
5.6643

69.2766, -33.9503,
11.0321

13.6951, -15.4027,
4.5128

81.0279, -36.5088,
12.1055

7.3050, -12.7837,
5.1135

93.3773, -38.9936,
13.1887

0.0000, NaN, NaN

0.0000, NaN, NaN

106.2974,
-41.4186, 14.2832

0.0000, NaN, NaN

119.7637,

0.0000, NaN, NaN

-43.7946, 15.3905

0.0000, NaN, NaN

133.7552,
-46.1298, 16.5113

37.9644, -25.6129,
7.8387

37.9644, -25.6129,
7.8387

37.9650, -25.6137,
7.8396

38.1396, -24.7583,
6.9326

38.3670, -23.6889,
6.0503

38.6815, -22.2727,
5.2357

39.0908, -20.4894,
4.5040

39.6007, -18.3316,
3.8680

■ 40.2146, -15.8029,
3.3374

■ 40.9344, -12.9160,
2.9196

■ 41.7606, -9.6908,
2.6191

■ 42.6925, -6.1528,
2.4379

Harmonies

Analogous

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



37.9651, -20.2594, 16.2530



37.9644, -25.6129, 7.8387



37.9651, -25.3610, -6.2327

Triad

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



37.9651, -25.6132, 7.8391



37.9651, 6.1902, -33.4714



37.9651, 19.3311, 16.7429

Complementary

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



37.9644, -25.6129, 7.8387



20.4065, 35.4296, 9.4265

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.



37.9651, 28.7982, 8.8330



37.9644, -25.6129, 7.8387



37.9651, 20.4636, -21.3413

Square

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



37.9651, -25.6132, 7.8391



37.9651, -8.4224, -34.0628



37.9651, 29.2414, -4.7843



37.9651, 4.8203, 19.9225

Rectangle

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



37.9644, -25.6129, 7.8387



37.9651, -22.0752, -17.3836



37.9651, 29.2414, -4.7843



37.9651, 23.2987, 14.7194

Sweetspot

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



37.9651, -25.6132, 7.8391



54.6989, -17.5918, 3.9437



37.3989, -29.9290, 22.5207



25.9946, -9.0538, 1.9695



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.



37.9651, -25.6132, 7.8391



50.7801, -34.4163, 10.8242



30.2803, -9.6888, -16.9316



21.2031, -2.8816, 1.2030



39.2985, -26.5294, 8.1496



85.7465, -58.4525, 19.0066

Inverse Universe

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



20.4065, 35.4296, 9.4265



27.2689, 47.2734, 13.1666



22.1519, 28.1679, 14.1424



20.0757, 0.7579, 1.0873



21.1201, 36.6629, 9.8169



45.9973, 79.5936, 23.3525

Previews

White Background



This preview shows how the HunterLab color 37.9644, -25.6129, 7.8387 looks on a white background.

Color Contrast Check

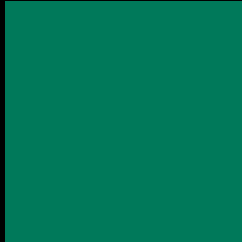
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.9644, -25.6129, 7.8387 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 37.9644, -25.6129, 7.8387 Background



This preview shows how black text looks on a background with the HunterLab color 37.9644, -25.6129, 7.8387.



This preview shows how white text looks on a background with the HunterLab color 37.9644, -25.6129, 7.8387.

-25.6129, 7.8387.

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

37.9644, -25.6129, 7.8387

Protanopia

38.0044, -2.9810, 10.5988

Deuteranopia

37.8206, 2.3314, 6.7446



Tritanopia

37.9848, -15.4961, -7.6750

Trichromacy



Original Color

37.9644, -25.6129, 7.8387

Protanomaly

36.6312, -15.1972, 8.0560

Deuteranomaly

36.4199, -12.6406, 5.3615

Tritanomaly

37.8890, -19.8543, -1.4476

Monochromacy



Original Color

37.9644, -25.6129, 7.8387

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

31.2024, -13.4192, 3.0541

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.9644, -25.6129, 7.8387 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, 121, 90)` looks like.

```
.text, #text, p{  
    color:rgb(0, 121, 90)  
}
```

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, 121, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 121, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 37.9644, -25.6129, 7.8387 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, 121, 90) }
```


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

```
.border{ border-color:rgb(0, 121, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 121, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 121, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 121, 90);  
box-shadow:4px 4px 4px 4px rgb(0, 121, 90)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.9644, -25.6129, 7.8387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 121, 90) }
```

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

```
.background{ background-color: rgb(0, 121,  
90) }
```

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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