

Converting Colors

HunterLab(37.5235, -25.6761,
8.5263)

Have a look what the booklet for
HunterLab(37.5235, -25.6761,
8.5263) contains.

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Color

**HunterLab(37.5780,
-25.6858, 8.4791)**

Conversions

Conversions Part 1

Format	Color
Hex	007857
RGB	0, 120, 87
RGB Percent	0%, 47%, 34%
CMY	1.0000, 0.5294, 0.6588
CMYK	1.00, 0.00, 0.28, 0.53
HSL	163°, 100%, 24%
HSV	163°, 100%, 47%
XYZ	8.4368, 14.1211, 11.2978
YIQ	80.3580, -60.9270, -35.7030

Conversions

Conversions Part 2

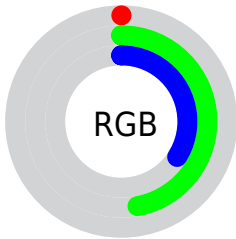
Format	Color
RYB	0, 70, 120
Decimal	30807
CIELab	44.41, -37.33, 10.17
CIELCh	44, 38.691, 164.764
Yxy	14.1216, 0.2492, 0.4171
Android (android.graphics.Color)	4278220887 (0xFF007857)
YUV	80.3580, 3.2745, -70.4740
Hunter-Lab	37.5780, -25.6858, 8.4791

Details

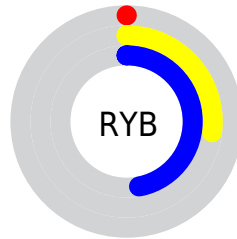
The HunterLab color **37.5780, -25.6858, 8.4791** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **20.2565, 35.2299, 8.8854**, and the grayscale version is **28.4582, -1.5185, 1.5462**.

A 20% lighter version of the original color is **57.6453, -31.3950, 10.6290**, and **21.3248, -15.4875, 6.7789** is the 20% darker color. If you saturate the color by 10%, you get **37.5786, -25.6866, 8.4801**, and if you desaturate by 10%, it is **37.7558, -24.8146, 7.5348**.

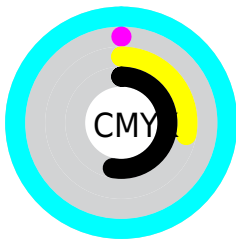
Distribution



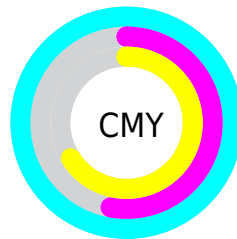
- Red (0%)
- Green (47%)
- Blue (34%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5780, -25.6858, 8.4791 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 37.5780, -25.6858, 8.4791 by changing the saturation by 10% instead.

37.5780, -25.6858,
8.4791

37.5780, -25.6858,
8.4791

147.6435,
-48.7134, 18.8140

28.6449, -22.5227,
7.3198

57.7102, -31.4353,
10.7520

20.5587, -19.0625,
6.1232

68.8042, -34.1118,
11.8826

13.4205, -15.4442,
4.8569

80.5300, -36.6942,
13.0161

6.9847, -12.2233,
4.8893

92.8554, -39.2010,
14.1559

0.0000, NaN, NaN

0.0000, NaN, NaN

105.7523,
-41.6466, 15.3041

0.0000, NaN, NaN

119.1965,

0.0000, NaN, NaN

-44.0417, 16.4625

0.0000, NaN, NaN

133.1666,
-46.3950, 17.6322

37.5780, -25.6858,
8.4791

37.5780, -25.6858,
8.4791

37.5786, -25.6866,
8.4801

37.7558, -24.8146,
7.5348

37.9852, -23.7294,
6.6076

38.3013, -22.2981,
5.7411

38.7118, -20.5009,
4.9508

39.2221, -18.3309,
4.2496

■ 39.8358, -15.7923,
3.6480

■ 40.5545, -12.8982,
3.1537

■ 41.3789, -9.6688,
2.7719

■ 42.3079, -6.1298,
2.5054

Harmonies

Analogous

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



37.5787, -20.0002, 16.6237



37.5780, -25.6858, 8.4791



37.5787, -25.7304, -5.5175

Triad

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



37.5787, -25.6861, 8.4794



37.5787, 5.5137, -34.6148



37.5787, 20.3765, 16.5383

Complementary

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



37.5780, -25.6858, 8.4791



20.2565, 35.2299, 8.8854

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.



37.5787, 29.6144, 8.3040



37.5780, -25.6858, 8.4791



37.5787, 20.1746, -22.6593

Square

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



37.5787, -25.6861, 8.4794



37.5787, -9.1882, -34.5085



37.5787, 29.5353, -5.7757



37.5787, 5.7573, 19.8989

Rectangle

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



37.5780, -25.6858, 8.4791



37.5787, -22.6214, -16.8671



37.5787, 29.5353, -5.7757



37.5787, 24.3076, 14.4269

Sweetspot

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



37.5787, -25.6861, 8.4794



53.7072, -17.4057, 4.2259



37.1128, -29.4683, 22.3525



25.9812, -9.1307, 2.1600



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.



37.5787, -25.6861, 8.4794



49.8129, -34.2069, 11.5811



30.5976, -10.4145, -15.7616



21.2003, -2.8974, 1.2436



39.2464, -26.8478, 8.9021



85.6292, -59.1695, 20.7010

Inverse Universe

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



20.2565, 35.2299, 8.8854



26.8252, 46.5831, 12.3403



21.7539, 28.5226, 13.9034



20.0786, 0.7732, 1.0468



21.1514, 36.7784, 9.3575



46.0593, 79.8224, 22.4412

Previews

White Background



This preview shows how the HunterLab color 37.5780, -25.6858, 8.4791 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 37.5780, -25.6858, 8.4791 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 37.5780, -25.6858, 8.4791 Background



This preview shows how black text looks on a background with the HunterLab color 37.5780, -25.6858, 8.4791.



This preview shows how white text looks on a background with the HunterLab color 37.5780, -25.6858, 8.4791.

-25.6858, 8.4791.

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

37.5780, -25.6858, 8.4791

Protanopia

37.5860, -3.1745, 11.1328

Deuteranopia

37.4910, 2.4167, 7.4917



Tritanopia

37.6139, -15.4948, -7.1515

Trichromacy



Original Color

37.5780, -25.6858, 8.4791

Protanomaly

36.2160, -15.3926, 8.6491

Deuteranomaly

36.0552, -12.6560, 6.0893

Tritanomaly

37.5193, -19.8366, -0.9934

Monochromacy



Original Color

37.5780, -25.6858, 8.4791

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

30.8428, -13.3542, 3.0398

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5780, -25.6858, 8.4791 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, 87)` looks like.

```
.text, #text, p{  
    color:rgb(0, 120, 87)  
}
```

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, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 120, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5780, -25.6858, 8.4791 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, 87) }
```


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

```
.border{ border-color:rgb(0, 120, 87) }
```

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, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 120, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 120, 87);  
box-shadow:4px 4px 4px 4px rgb(0, 120, 87)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.5780, -25.6858, 8.4791 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, 87) }
```

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

```
.background{ background-color: rgb(0, 120,  
87) }
```

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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