

Converting Colors

HunterLab(39.4659, -26.7243,
5.5071)

Have a look what the booklet for
HunterLab(39.4659, -26.7243,
5.5071) contains.

HunterLab(39.8262, -25.7286, 5.7614)	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(39.8262,
-25.7286, 5.7614)**

Conversions

Conversions Part 1

Format	Color
Hex	007E65
RGB	0, 126, 101
RGB Percent	0%, 49%, 40%
CMY	1.0000, 0.5059, 0.6039
CMYK	1.00, 0.00, 0.20, 0.51
HSL	168°, 100%, 25%
HSV	168°, 100%, 49%
XYZ	9.8098, 15.8613, 14.8564
YIQ	85.4760, -67.0710, -34.4870

Conversions

Conversions Part 2

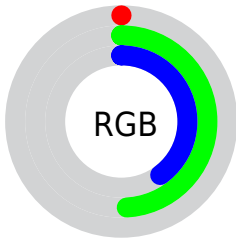
Format	Color
RYB	0, 70, 126
Decimal	32357
CIELab	46.79, -36.12, 5.30
CIELCh	47, 36.505, 171.653
Yxy	15.8619, 0.2421, 0.3914
Android (android.graphics.Color)	4278222437 (0xFF007E65)
YUV	85.4760, 7.6533, -74.9625
Hunter-Lab	39.8262, -25.7286, 5.7614

Details

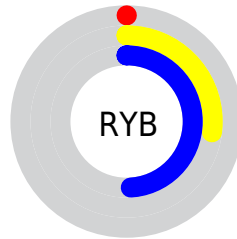
The HunterLab color **39.8262, -25.7286, 5.7614** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **21.2279, 36.6816, 11.1522**, and the grayscale version is **30.3060, -1.6171, 1.6466**.

A 20% lighter version of the original color is **60.1411, -31.0105, 7.2303**, and **23.3136, -15.9129, 5.2115** is the 20% darker color. If you saturate the color by 10%, you get **39.8268, -25.7295, 5.7624**, and if you desaturate by 10%, it is **39.9928, -24.9311, 4.9872**.

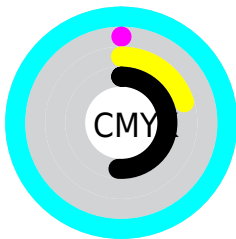
Distribution



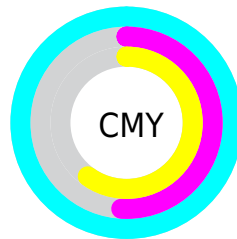
- Red (0%)
- Green (49%)
- Blue (40%)



- Red (0%)
- Yellow (27%)
- Blue (49%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.8262, -25.7286, 5.7614 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 39.8262, -25.7286, 5.7614 by changing the saturation by 10% instead.

■ 39.8262, -25.7286,
5.7614

■ 39.8262, -25.7286,
5.7614

151.1705,
-47.9990, 14.0007

■ 30.7025, -22.7148,
4.9356

■ 60.2978, -31.2444,
7.4587

■ 22.4062, -19.4406,
4.1181

■ 71.5458, -33.8251,
8.3340

■ 15.0307, -15.7817,
3.2990

■ 83.4174, -36.3212,
9.2285

■ 8.6718, -15.1756,
3.0053

■ 95.8815, -38.7494,
10.1429

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 108.9111,
-41.1223, 11.0772

0.0000, NaN, NaN

■ 122.4826,

0.0000, NaN, NaN

-43.4500, 12.0317

0.0000, NaN, NaN

136.5753,
-45.7401, 13.0062

■ 39.8262, -25.7286,
5.7614

■ 39.8262, -25.7286,
5.7614

■ 39.8268, -25.7295,
5.7624

■ 39.9928, -24.9311,
4.9872

■ 40.2147, -23.9080,
4.2574

■ 40.5267, -22.5292,
3.6166

■ 40.9372, -20.7715,
3.0797

■ 41.4523, -18.6254,
2.6584

■ 42.0759, -16.0927,
2.3612

■ 42.8103, -13.1851,
2.1937

■ 43.6562, -9.9220,
2.1584

■ 44.6128, -6.3286,
2.2553

Harmonies

Analogous

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



39.8270, -21.3813, 15.1638



39.8262, -25.7286, 5.7614



39.8270, -24.4861, -8.6721

Triad

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



39.8270, -25.7288, 5.7618



39.8270, 8.4712, -30.3723



39.8270, 16.2947, 17.6468

Complementary

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



39.8262, -25.7286, 5.7614



21.2279, 36.6816, 11.1522

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.



39.8270, 26.6027, 10.6200



39.8262, -25.7286, 5.7614



39.8270, 21.6631, -17.5795

Square

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



39.8270, -25.7288, 5.7618



39.8270, -6.0191, -33.1044



39.8270, 28.6941, -1.7957



39.8270, 1.9202, 20.2705

Rectangle

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



39.8262, -25.7286, 5.7614



39.8270, -20.5661, -19.2806



39.8270, 28.6941, -1.7957



39.8270, 20.4292, 15.8690

Sweetspot

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



39.8270, -25.7288, 5.7618



56.7230, -17.7822, 2.9204



38.8993, -31.9729, 23.4094



26.8869, -9.1340, 1.4219



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.8270, -25.7288, 5.7618



52.8197, -34.2510, 7.9180



29.1882, -6.6035, -22.2264



22.0743, -2.9610, 1.1210



40.3379, -26.0646, 5.8470

0.0000, NaN, NaN

Inverse Universe

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



21.2279, 36.6816, 11.1522



28.1319, 48.5549, 15.2467



24.1034, 26.6281, 15.3179



20.8738, 0.7548, 1.2614



21.4988, 37.1500, 11.3144

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 39.8262, -25.7286, 5.7614 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 39.8262, -25.7286, 5.7614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

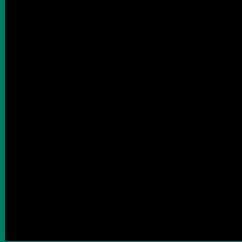
Any Text WCAG AA × Fail

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 39.8262, -25.7286, 5.7614 Background



This preview shows how black text looks on a background with the HunterLab color 39.8262, -25.7286, 5.7614.



This preview shows how white text looks on a background with the HunterLab color 39.8262, -25.7286, 5.7614.

-25.7286, 5.7614.

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

39.8262, -25.7286, 5.7614

Protanopia

39.5666, -2.6799, 8.8157

Deuteranopia

39.6816, 2.4217, 4.5253



Tritanopia

39.9963, -16.7792, -8.0084

Trichromacy



Original Color

39.8262, -25.7286, 5.7614

Protanomaly

38.4593, -15.4108, 6.3684

Deuteranomaly

38.2803, -12.6301, 3.0823

Tritanomaly

39.6744, -20.3410, -2.9416

Monochromacy



Original Color

39.8262, -25.7286, 5.7614

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

32.6404, -13.5526, 1.8971

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.8262, -25.7286, 5.7614 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, 126, 101)` looks like.

```
.text, #text, p{  
    color:rgb(0, 126, 101)  
}
```

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, 126, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 126, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 39.8262, -25.7286, 5.7614 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, 126, 101) }
```


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

```
.border{ border-color:rgb(0, 126, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 126, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 126, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 126, 101);  
box-shadow:4px 4px 4px 4px rgb(0, 126,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.8262, -25.7286, 5.7614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 126, 101) }
```

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

```
.background{ background-color: rgb(0, 126,  
101) }
```

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