

Converting Colors

HunterLab(26.1163, -19.2296,
0.3102)

Have a look what the booklet for
HunterLab(26.1163, -19.2296,
0.3102) contains.

HunterLab(26.7906, -16.0197, 1.0959)	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(26.7906,
-16.0197, 1.0959)**

Conversions

Conversions Part 1

Format	Color
Hex	00564C
RGB	0, 86, 76
RGB Percent	0%, 34%, 30%
CMY	1.0000, 0.6627, 0.7020
CMYK	1.00, 0.00, 0.12, 0.66
HSL	173°, 100%, 17%
HSV	173°, 100%, 34%
XYZ	4.6323, 7.1774, 7.9787
YIQ	59.1460, -48.0460, -21.3420

Conversions

Conversions Part 2

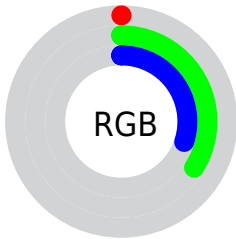
Format	Color
R _{YB}	0, 46, 86
Decimal	22092
CIE _{Lab}	32.21, -25.15, -0.58
CIE _{LCh}	32, 25.160, 181.312
Y _{xy}	7.1776, 0.2341, 0.3627
Android (android.graphics.Color)	4278212172 (0xFF00564C)
YUV	59.1460, 8.3090, -51.8710
Hunter-Lab	26.7906, -16.0197, 1.0959

Details

The HunterLab color **26.7906, -16.0197, 1.0959** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **14.1440, 24.3752, 7.9378**, and the grayscale version is **20.9481, -1.1177, 1.1381**.

A 20% lighter version of the original color is **44.9969, -20.2220, 1.8079**, and **12.7353, -7.9971, 1.3456** is the 20% darker color. If you saturate the color by 10%, you get **26.7910, -16.0201, 1.0963**, and if you desaturate by 10%, it is **26.9205, -15.4485, 0.8541**.

Distribution



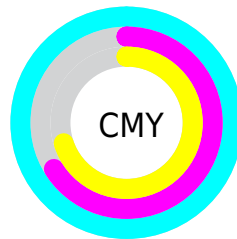
- Red (0%)
- Green (34%)
- Blue (30%)



- Red (0%)
- Yellow (18%)
- Blue (34%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (66%)



- Cyan (100%)
- Magenta (66%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.7906, -16.0197, 1.0959 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 26.7906, -16.0197, 1.0959 by changing the saturation by 10% instead.

■ 26.7906, -16.0197,
1.0959

■ 26.7906, -16.0197,
1.0959

■ 130.0506,
-33.7311, 6.4687

■ 18.9035, -13.5745,
0.7060

■ 45.0884, -20.4103,
2.0244

■ 11.9914, -11.0038,
0.3744

■ 55.3591, -22.4511,
2.5534

■ 4.9440, -8.6520,
-0.2139

■ 66.3093, -24.4248,
3.1211

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 77.8992, -26.3479,
3.7253

0.0000, NaN, NaN

■ 90.0952, -28.2322,
4.3637

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 102.8686,

-30.0866, 5.0347

0.0000, NaN, NaN

■ 116.1944,
-31.9178, 5.7368

■ 26.7906, -16.0197,
1.0959

■ 26.7906, -16.0197,
1.0959

■ 26.7910, -16.0201,
1.0963

■ 26.9205, -15.4485,
0.8541

■ 27.0683, -14.8068,
0.6321

■ 27.2716, -13.9499,
0.4782

■ 27.5354, -12.8634,
0.3998

■ 27.8632, -11.5425,
0.4019

■ 28.2571, -9.9884,
0.4870

■ 28.7183, -8.2076,
0.6564

■ 29.2473, -6.2107,
0.9095

■ 29.8436, -4.0116,
1.2443

Harmonies

Analogous

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



26.7911, -14.4309, 7.9554



26.7906, -16.0197, 1.0959



26.7911, -14.1279, -8.0555

Triad

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



26.7911, -16.0198, 1.0962



26.7911, 7.7008, -15.7296



26.7911, 6.9644, 11.9016

Complementary

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



26.7906, -16.0197, 1.0959



14.1440, 24.3752, 7.9378

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.



26.7911, 14.1844, 8.4040



26.7906, -16.0197, 1.0959



26.7911, 14.6459, -7.2299

Square

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



26.7911, -16.0198, 1.0962



26.7911, -1.0519, -19.4748



26.7911, 17.1541, 1.8154



26.7911, -1.8079, 12.8879

Rectangle

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



26.7906, -16.0197, 1.0959



26.7911, -10.9900, -13.9261



26.7911, 17.1541, 1.8154



26.7911, 9.6903, 11.0494

Sweetspot

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



26.7911, -16.0198, 1.0962



37.8998, -11.1043, 0.8399



25.9241, -21.5876, 15.5961



18.6424, -5.7832, 0.3837



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



26.7911, -16.0198, 1.0962



35.4066, -21.2487, 1.6146



17.9483, -2.0257, -18.0600



15.3565, -1.9161, 0.6621



33.6987, -20.2120, 1.5114



79.8176, -48.2245, 4.3378

Inverse Universe

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



14.1440, 24.3752, 7.9378



18.6737, 32.1355, 10.8551



17.5059, 14.0351, 11.0323



14.5711, 0.3718, 0.9901



17.7755, 30.5967, 10.2794



42.0412, 72.1881, 25.6827

Previews

White Background



This preview shows how the HunterLab color 26.7906, -16.0197, 1.0959 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 26.7906, -16.0197, 1.0959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

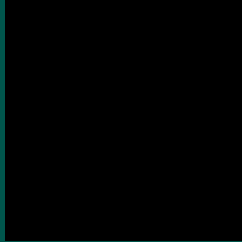
Any Text WCAG AA × Fail

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 26.7906, -16.0197, 1.0959 Background



This preview shows how black text looks on a background with the HunterLab color 26.7906, -16.0197, 1.0959.



This preview shows how white text looks on a background with the HunterLab color 26.7906,

-16.0197, 1.0959.

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

26.7906, -16.0197, 1.0959

Protanopia

26.9691, -1.4319, 3.8547

Deuteranopia

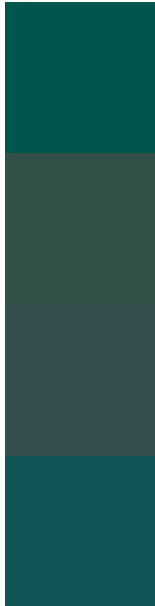
26.9368, 1.4983, 0.3429



Tritanopia

26.9780, -11.4031, -5.3278

Trichromacy



Original Color

26.7906, -16.0197, 1.0959

Protanomaly

26.2361, -9.4883, 2.1454

Deuteranomaly

25.9401, -7.4404, -0.6204

Tritanomaly

26.9638, -13.2577, -2.9763

Monochromacy



Original Color

26.7906, -16.0197, 1.0959

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

22.4721, -8.4941, 0.5039

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 26.7906, -16.0197, 1.0959 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, 86, 76)` looks like.

```
.text, #text, p{  
    color:rgb(0, 86, 76)  
}
```

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, 86, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 86, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 26.7906, -16.0197, 1.0959 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, 86, 76) }
```


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

```
.border{ border-color:rgb(0, 86, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 86, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 86, 76); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 86, 76); box-shadow:4px  
4px 4px 4px rgb(0, 86, 76) }
```

Background

The CSS property to change the background color of an element to HunterLab 26.7906, -16.0197, 1.0959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 86, 76) }
```

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

```
.background{ background-color: rgb(0, 86,  
76) }
```

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