

# Converting Colors

HunterLab(24.7929, -26.2812,  
7.9549)

Have a look what the booklet for  
HunterLab(24.7929, -26.2812,  
7.9549) contains.

<b>HunterLab(26.2247, -19.4689, 9.2493)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(26.2247,  
-19.4689, 9.2493)**

# Conversions

## Conversions Part 1

Format	Color
Hex	005631
RGB	0, 86, 49
RGB Percent	0%, 34%, 19%
CMY	1.0000, 0.6627, 0.8078
CMYK	1.00, 0.00, 0.43, 0.66
HSL	154°, 100%, 17%
HSV	154°, 100%, 34%
XYZ	3.8822, 6.8773, 4.0286
YIQ	56.0680, -39.3790, -29.7390

# Conversions

## Conversions Part 2

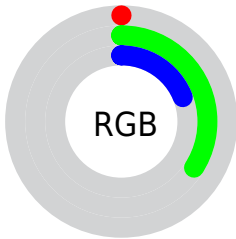
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 55, 86</a>
Decimal	<a href="#">22065</a>
CIELab	<a href="#">31.53, -32.66, 15.30</a>
CIELCh	<a href="#">32, 36.066, 154.902</a>
Yxy	<a href="#">6.8776, 0.2625, 0.4651</a>
Android (android.graphics.Color)	<a href="#">4278212145 (0xFF005631)</a>
YUV	<a href="#">56.0680, -3.4845, -49.1716</a>
Hunter-Lab	<a href="#">26.2247, -19.4689, 9.2493</a>

# Details

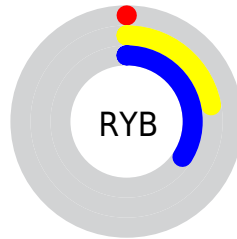
The HunterLab color **26.2247, -19.4689, 9.2493** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **14.5333, 25.8067, 2.2655**, and the grayscale version is **19.9313, -1.0635, 1.0829**.

A 20% lighter version of the original color is **44.5262, -25.1187, 12.2614**, and **12.3457, -10.3963, 7.0116** is the 20% darker color. If you saturate the color by 10%, you get **26.2252, -19.4694, 9.2498**, and if you desaturate by 10%, it is **26.3925, -18.6512, 8.4507**.

# Distribution



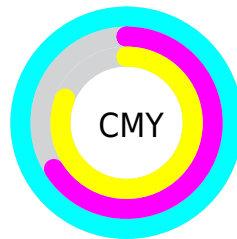
- Red (0%)
- Green (34%)
- Blue (19%)



- Red (0%)
- Yellow (22%)
- Blue (34%)



- Cyan (100%)
- Magenta (0%)
- Yellow (43%)
- Black (66%)



- Cyan (100%)
- Magenta (66%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.2247, -19.4689, 9.2493 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 26.2247, -19.4689, 9.2493 by changing the saturation by 10% instead.



■ 26.2247, -19.4689,  
9.2493

■ 26.2247, -19.4689,  
9.2493

129.0903,  
-41.1376, 22.1381

■ 18.4002, -16.3316,  
7.5921

■ 44.4146, -24.9988,  
12.2999

■ 11.5596, -13.8122,  
6.4509

■ 54.6374, -27.5282,  
13.7513

■ 4.1111, -7.1945,  
2.8778

■ 65.5426, -29.9524,  
15.1750

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 77.0900, -32.2952,  
16.5809

0.0000, NaN, NaN

■ 89.2457, -34.5737,  
17.9757


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 101.9806,


-36.8007, 19.3645


0.0000, NaN, NaN


 115.2695,  
-38.9861, 20.7510


 26.2247, -19.4689,  
9.2493


 26.2247, -19.4689,  
9.2493


 26.2252, -19.4694,  
9.2498

 26.3925, -18.6512,  
8.4507

 26.5826, -17.7367,  
7.6095

 26.8332, -16.5759,  
6.7673

 27.1491, -15.1578,  
5.9354

 27.5333, -13.4820,  
5.1242

■ 27.9875, -11.5551,  
4.3427

■ 28.5124, -9.3888,  
3.5991

■ 29.1078, -6.9992,  
2.9003

■ 29.7730, -4.4049,  
2.2517

# Harmonies

## Analogous

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



26.2252, -13.5377, 13.9396



26.2247, -19.4689, 9.2493



26.2252, -20.9476, -0.5556

# Triad

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



26.2252, -19.4691, 9.2495



26.2252, 0.6378, -32.0402



26.2252, 20.7887, 11.2676

# Complementary

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



26.2247, -19.4689, 9.2493



14.5333, 25.8067, 2.2655

# 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.



26.2252, 26.3601, 3.2669



26.2247, -19.4689, 9.2493



26.2252, 13.4452, -24.3203

# Square

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



26.2252, -19.4691, 9.2495



26.2252, -10.6426, -27.9574



26.2252, 23.4534, -9.9348



26.2252, 9.3299, 14.6747



# Rectangle

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



26.2247, -19.4689, 9.2493



26.2252, -19.4931, -9.8376



26.2252, 23.4534, -9.9348



26.2252, 23.4990, 9.2037

# Sweetspot

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



26.2252, -19.4691, 9.2495



37.6187, -12.7179, 4.8557



26.5597, -18.9206, 16.0345



18.4931, -6.6432, 2.5170



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.



26.2252, -19.4691, 9.2495



34.6437, -25.9011, 12.6114



25.3942, -12.3293, -5.1246



15.3246, -2.0933, 1.1173



32.9748, -24.6259, 11.9445



78.0383, -59.0866, 30.0100



# Inverse Universe

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



14.5333, 25.8067, 2.2655



19.1665, 33.9484, 3.6626



14.5019, 22.6281, 9.3318



14.6030, 0.5440, 0.5349



18.2480, 32.3346, 3.3854



43.0494, 75.9030, 10.9215



# Previews

## White Background



This preview shows how the HunterLab color 26.2247, -19.4689, 9.2493 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

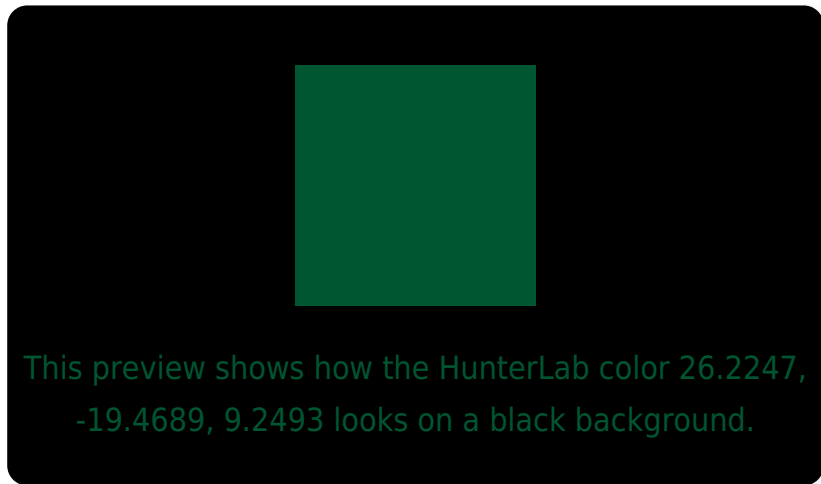
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## 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 26.2247, -19.4689, 9.2493 Background



This preview shows how black text looks on a background with the HunterLab color 26.2247, -19.4689, 9.2493.



This preview shows how white text looks on a background with the HunterLab color 26.2247,

-19.4689, 9.2493.

# 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

26.2247, -19.4689, 9.2493

### Protanopia

26.1464, -2.6388, 10.4355

### Deuteranopia

26.2438, 1.7912, 8.5933



## Tritanopia

26.2612, -9.9356, -4.8362

# Trichromacy



## Original Color

26.2247, -19.4689, 9.2493

## Protanomaly

25.2509, -11.4333, 9.2902

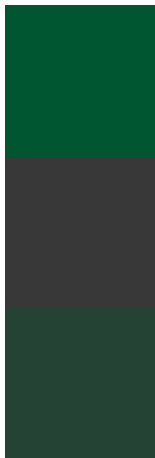
## Deuteranomaly

25.0732, -9.0540, 7.6091

## Tritanomaly

26.1336, -14.1930, 1.1568

# Monochromacy



## Original Color

26.2247, -19.4689, 9.2493

## Achromatopsia

19.8862, -1.0611, 1.0805

## Achromatomaly

21.5556, -9.7549, 3.8473

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 26.2247, -19.4689, 9.2493 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, 49)` looks like.

```
.text, #text, p{  
    color:rgb(0, 86, 49)  
}
```

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, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 86, 49) }
```

## Border

The CSS property to change the border of an element to HunterLab 26.2247, -19.4689, 9.2493 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, 49) }
```



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

```
.border{ border-color:rgb(0, 86, 49) }
```

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, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 86, 49); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 86, 49); box-shadow:4px  
4px 4px 4px rgb(0, 86, 49) }
```

# Background

The CSS property to change the background color of an element to HunterLab 26.2247, -19.4689, 9.2493 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, 49) }
```

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

```
.background{ background-color: rgb(0, 86,  
49) }
```

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