

# Converting Colors

HunterLab(25.8416, -19.1624,  
4.6853)

Have a look what the booklet for  
HunterLab(25.8416, -19.1624,  
4.6853) contains.

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# Color

**HunterLab(26.1837,  
-17.5594, 5.1783)**

# Conversions

Conversions Part 1	
Format	Color
Hex	00553F
RGB	0, 85, 63
RGB Percent	0%, 33%, 25%
CMY	1.0000, 0.6667, 0.7529
CMYK	1.00, 0.00, 0.26, 0.67
HSL	164°, 100%, 17%
HSV	164°, 100%, 33%
XYZ	4.1457, 6.8559, 5.8074
YIQ	57.0770, -43.5980, -24.8620

# Conversions

## Conversions Part 2

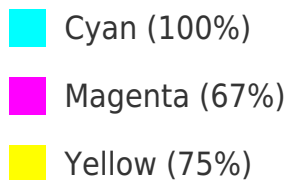
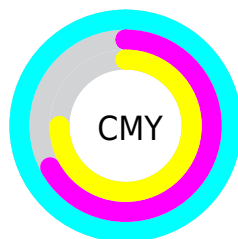
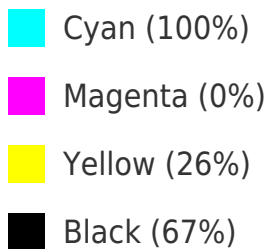
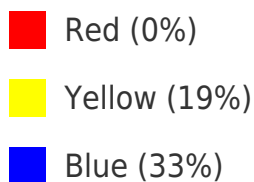
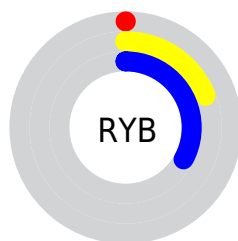
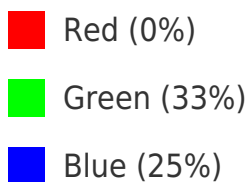
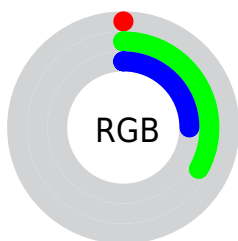
Format	Color
<a href="#">RYB</a>	<a href="#">0, 49, 85</a>
Decimal	<a href="#">21823</a>
CIELab	<a href="#">31.48, -28.64, 6.57</a>
CIELCh	<a href="#">31, 29.380, 167.074</a>
Yxy	<a href="#">6.8561, 0.2466, 0.4079</a>
Android (android.graphics.Color)	<a href="#">4278211903</a> (0xFF00553F)
YUV	<a href="#">57.0770, 2.9200, -50.0565</a>
Hunter-Lab	<a href="#">26.1837, -17.5594, 5.1783</a>

# Details

The HunterLab color **26.1837, -17.5594, 5.1783** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **14.1045, 24.5639, 5.9296**, and the grayscale version is **20.2555, -1.0808, 1.1005**.

A 20% lighter version of the original color is **44.2331, -22.3339, 6.7070**, and **12.2686, -8.9448, 3.9746** is the 20% darker color. If you saturate the color by 10%, you get **26.1842, -17.5599, 5.1788**, and if you desaturate by 10%, it is **26.3364, -16.8429, 4.6061**.

# Distribution





# Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.1837, -17.5594, 5.1783 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 26.1837, -17.5594, 5.1783 by changing the saturation by 10% instead.





 26.1837, -17.5594,  
5.1783


 26.1837, -17.5594,  
5.1783


129.0205,  
-37.1164, 13.7608


 18.3638, -14.7861,  
4.2615

 44.3657, -22.4851,  
6.9997

 11.5284, -12.2998,  
3.3179


 54.5850, -24.7541,  
7.9205

 4.0438, -7.0767,  
2.8307


 65.4869, -26.9377,  
8.8538

0.0000, NaN, NaN

0.0000, NaN, NaN

 77.0313, -29.0561,  
9.8017

0.0000, NaN, NaN

 89.1840, -31.1235,  
10.7656


0.0000, NaN, NaN


0.0000, NaN, NaN


 101.9161,


-33.1509, 11.7464


0.0000, NaN, NaN


 115.2024,  
-35.1463, 12.7447


 26.1837, -17.5594,  
5.1783


 26.1837, -17.5594,  
5.1783


 26.1842, -17.5599,  
5.1788

 26.3364, -16.8429,  
4.6061

 26.5075, -16.0516,  
4.0338

 26.7349, -15.0385,  
3.5063

 27.0234, -13.7908,  
3.0334

 27.3762, -12.3060,  
2.6222

■ 27.7952, -10.5877,  
2.2784

■ 28.2814, -8.6446,  
2.0061

■ 28.8348, -6.4894,  
1.8081

■ 29.4550, -4.1377,  
1.6853

# Harmonies

## Analogous

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



26.1842, -13.9877, 11.0381



26.1837, -17.5594, 5.1783



26.1842, -17.2935, -4.5018

# Triad

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



26.1842, -17.5596, 5.1785



26.1842, 4.4595, -22.6263



26.1842, 12.9481, 11.5571

# Complementary

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



26.1837, -17.5594, 5.1783



14.1045, 24.5639, 5.9296

# 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.



26.1842, 19.5169, 6.2260



26.1837, -17.5594, 5.1783



26.1842, 14.1364, -14.2478

# Square

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



26.1842, -17.5596, 5.1785



26.1842, -5.5425, -23.2446



26.1842, 19.9817, -2.9818



26.1842, 3.0203, 13.6831



# Rectangle

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



26.1837, -17.5594, 5.1783



26.1842, -14.9825, -12.0929



26.1842, 19.9817, -2.9818



26.1842, 15.6828, 10.1950

# Sweetspot

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



26.1842, -17.5596, 5.1785



36.8596, -11.5510, 2.6503



25.8370, -20.3818, 15.5636



18.5723, -6.1865, 1.3843



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.



26.1842, -17.5596, 5.1785



34.1681, -23.0498, 7.0507



21.1090, -7.0080, -11.2556



15.3419, -1.9972, 0.8705



33.3261, -22.4707, 6.8529



78.8917, -53.8424, 17.6225



# Inverse Universe

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



14.1045, 24.5639, 5.9296



18.3801, 31.9426, 8.2634



15.5754, 18.5129, 9.9212



14.5854, 0.4493, 0.7851



17.9291, 31.1643, 8.0179



42.3416, 73.2999, 21.2465



# Previews

## White Background



This preview shows how the HunterLab color 26.1837, -17.5594, 5.1783 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

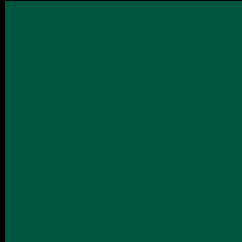
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the HunterLab color 26.1837, -17.5594, 5.1783 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 26.1837, -17.5594, 5.1783 Background



This preview shows how black text looks on a background with the HunterLab color 26.1837, -17.5594, 5.1783.



This preview shows how white text looks on a background with the HunterLab color 26.1837, -17.5594, 5.1783.

-17.5594, 5.1783.

# 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

26.1837, -17.5594, 5.1783

### Protanopia

26.2017, -2.0012, 7.0523

### Deuteranopia

26.2924, 1.2189, 4.5996



## Tritanopia

26.4049, -10.8482, -4.6502

# Trichromacy



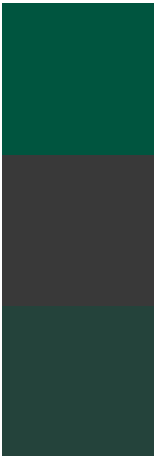
**Original Color**  
26.1837, -17.5594, 5.1783

**Protanomaly**  
25.4030, -10.3378, 5.4946

**Deuteranomaly**  
25.3895, -8.7437, 3.8134

**Tritanomaly**  
26.2111, -13.6187, -0.8198

# Monochromacy



**Original Color**  
26.1837, -17.5594, 5.1783

**Achromatopsia**  
20.2275, -1.0793, 1.0990

**Achromatomaly**  
21.6913, -8.9595, 1.8996

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 26.1837, -17.5594, 5.1783 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, 85, 63)` looks like.

```
.text, #text, p{  
    color:rgb(0, 85, 63)  
}
```

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, 85, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 85, 63) }
```

## Border

The CSS property to change the border of an element to HunterLab 26.1837, -17.5594, 5.1783 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, 85, 63) }
```



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

```
.border{ border-color:rgb(0, 85, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 85, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 85, 63); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 85, 63); box-shadow:4px  
4px 4px 4px rgb(0, 85, 63) }
```

# Background

The CSS property to change the background color of an element to HunterLab 26.1837, -17.5594, 5.1783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 85, 63) }
```

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

```
.background{ background-color: rgb(0, 85,  
63) }
```

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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