

# Converting Colors

HunterLab(26.4010, -15.4817,  
7.9921)

Have a look what the booklet for  
HunterLab(26.4010, -15.4817,  
7.9921) contains.

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# Color

**HunterLab(26.4080,  
-15.4384, 7.8872)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	235437
RGB	35, 84, 55
RGB Percent	14%, 33%, 22%
CMY	0.8627, 0.6706, 0.7843
CMYK	0.58, 0.00, 0.35, 0.67
HSL	144°, 41%, 23%
HSV	144°, 58%, 33%
XYZ	4.5531, 6.9738, 4.7206
YIQ	66.0430, -19.8950, -19.4070

# Conversions

## Conversions Part 2

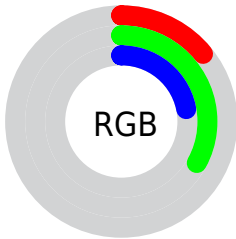
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	35, 70, 84
Decimal	2315319
CIE <sub>Lab</sub>	31.75, -24.22, 12.06
CIE <sub>LCh</sub>	32, 27.056, 153.521
Yxy	6.9741, 0.2802, 0.4292
Android (android.graphics.Color)	4280505399 (0xFF235437)
YUV	66.0430, -5.4442, -27.2247
Hunter-Lab	26.4080, -15.4384, 7.8872

# Details

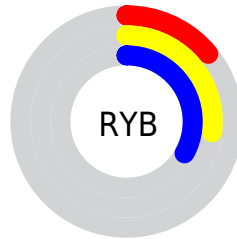
The HunterLab color **26.4080, -15.4384, 7.8872** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **18.5936, 17.2170, -3.7090**, and the grayscale version is **23.3800, -1.2475, 1.2703**.

A 20% lighter version of the original color is **44.6031, -19.7085, 10.4296**, and **11.8860, -9.3950, 5.4246** is the 20% darker color. If you saturate the color by 10%, you get **26.0750, -16.9595, 8.9013**, and if you desaturate by 10%, it is **26.8126, -13.6455, 6.8382**.

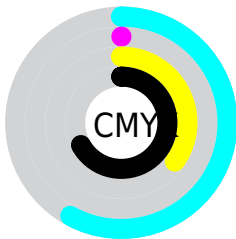
# Distribution



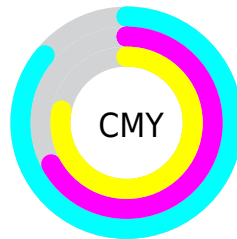
- Red (14%)
- Green (33%)
- Blue (22%)



- Red (14%)
- Yellow (27%)
- Blue (33%)



- Cyan (58%)
- Magenta (0%)
- Yellow (35%)
- Black (67%)



- Cyan (86%)
- Magenta (67%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.4080, -15.4384, 7.8872 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 26.4080, -15.4384, 7.8872 by changing the saturation by 10% instead.



■ 26.4080, -15.4384,  
7.8872

■ 26.4080, -15.4384,  
7.8872

129.4018,  
-32.6947, 19.1375

■ 18.5632, -13.0651,  
6.5153

■ 44.6331, -19.7045,  
10.4664

■ 11.6993, -10.6333,  
5.2870

■ 54.8714, -21.6898,  
11.7153

■ 4.3989, -7.6981,  
3.0792

■ 65.7912, -23.6115,  
12.9524

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 77.3525, -25.4855,  
14.1843

0.0000, NaN, NaN

■ 89.5213, -27.3233,  
15.4159

0.0000, NaN, NaN

■ 102.2687,

0.0000, NaN, NaN

-29.1333, 16.6504

0.0000, NaN, NaN

115.5696,  
-30.9221, 17.8903

26.4080, -15.4384,  
7.8872

26.4080, -15.4384,  
7.8872

26.0750, -16.9595,  
8.9013

26.8126, -13.6455,  
6.8382

25.8096, -18.2051,  
9.8685

27.2887, -11.5894,  
5.7650

25.6085, -19.1807,  
10.7784

27.8370, -9.2856,  
4.6788

25.4401, -20.0111,  
11.5990

28.4571, -6.7530,  
3.5900

25.4127, -20.1457,  
11.7250

29.1477, -4.0134,  
2.5081

■ 29.9070, -1.0895,  
1.4413

■ 30.7327, 1.9955,  
0.3963

■ 31.6222, 5.2193,  
-0.6212

■ 32.5728, 8.5609,  
-1.6072

# Harmonies

## Analogous

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



26.4085, -10.4774, 11.9619



26.4080, -15.4384, 7.8872



26.4085, -16.8341, 0.3841

# Triad

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



26.4085, -15.4387, 7.8874



26.4085, -0.3164, -21.4448



26.4085, 14.9940, 9.1373

# Complementary

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



26.4080, -15.4384, 7.8872



18.5936, 17.2170, -3.7090

# 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.



26.4085, 18.6414, 2.4492



26.4080, -15.4384, 7.8872



26.4085, 9.0732, -16.7659

# Square

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



26.4085, -15.4387, 7.8874



26.4085, -8.8361, -18.4682



26.4085, 16.3399, -7.2088



26.4085, 6.9387, 12.4911



# Rectangle

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



26.4080, -15.4384, 7.8872



26.4085, -15.7378, -6.1891



26.4085, 16.3399, -7.2088



26.4085, 16.8226, 7.3044

# Sweetspot

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



26.4085, -15.4387, 7.8874



37.6758, -8.6649, 4.6380



27.5059, -11.7007, 13.3165



19.0233, -4.5776, 2.4264



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.



26.4085, -15.4387, 7.8874



34.3086, -23.1322, 12.2958



26.9523, -12.2072, 0.0791



14.5006, -2.0479, 1.2677



31.9120, -25.4400, 15.0306



76.5261, -61.7910, 37.7381



# Inverse Universe

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



18.5936, 17.2170, -3.7090



22.2017, 27.9957, -5.2395



17.9988, 14.5058, 4.7608



13.8581, 0.5798, 0.2872



18.2278, 33.1163, -2.9549

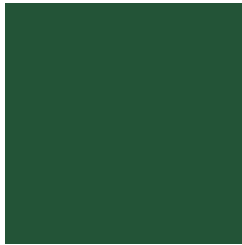


43.5660, 78.7760, -4.1571



# Previews

## White Background



This preview shows how the HunterLab color 26.4080, -15.4384, 7.8872 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

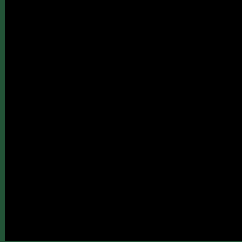
Any Text WCAG AA × Fail

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 26.4080, -15.4384, 7.8872 Background



This preview shows how black text looks on a background with the HunterLab color 26.4080, -15.4384, 7.8872.



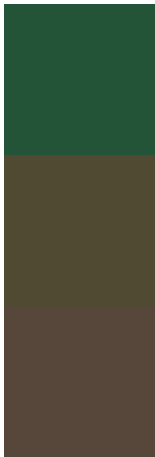
This preview shows how white text looks on a background with the HunterLab color 26.4080,

-15.4384, 7.8872.

# 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

26.4080, -15.4384, 7.8872

### Protanopia

26.2410, -2.1171, 9.0560

### Deuteranopia

26.1500, 1.6609, 7.0666



## Tritanopia

26.3835, -8.0968, -4.1472

# Trichromacy



## Original Color

26.4080, -15.4384, 7.8872

## Protanomaly

26.0513, -8.1883, 8.5154

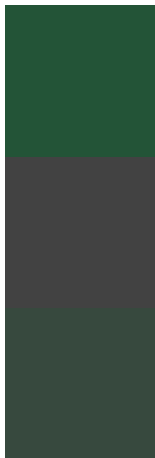
## Deuteranomaly

25.8713, -5.9001, 6.9674

## Tritanomaly

26.1998, -10.9200, 0.8891

# Monochromacy



## Original Color

26.4080, -15.4384, 7.8872

## Achromatopsia

23.3410, -1.2454, 1.2682

## Achromatomaly

24.3416, -7.1963, 3.7724

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 26.4080, -15.4384, 7.8872 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(35, 84, 55)` looks like.

```
.text, #text, p{  
    color:rgb(35, 84, 55)  
}
```

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(35, 84, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 84, 55) }
```

## Border

The CSS property to change the border of an element to HunterLab 26.4080, -15.4384, 7.8872 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(35, 84, 55) }
```



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

```
.border{ border-color:rgb(35, 84, 55) }
```

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

Here you see how a box with a 4 pixel rgb(35, 84, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 84, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 84, 55);  
box-shadow:4px 4px 4px 4px rgb(35, 84, 55)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 26.4080, -15.4384, 7.8872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 84, 55) }
```

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

```
.background{ background-color: rgb(35, 84,  
55) }
```

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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