

# Converting Colors

HunterLab(25.2825, -9.6629,  
13.1861)

Have a look what the booklet for  
HunterLab(25.2825, -9.6629,  
13.1861) contains.

<b>HunterLab(25.4408, -9.7578, 13.2281)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(25.4408, -9.7578,  
13.2281)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	404D1A
RGB	64, 77, 26
RGB Percent	25%, 30%, 10%
CMY	0.7490, 0.6980, 0.8980
CMYK	0.17, 0.00, 0.66, 0.70
HSL	75°, 50%, 20%
HSV	75°, 66%, 30%
XYZ	4.9547, 6.4723, 1.9654
YIQ	67.2990, 8.6230, -18.6170

# Conversions

## Conversions Part 2

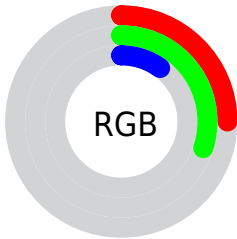
<b>Format</b>	<b>Color</b>
<b>RYB</b>	26, 77, 39
Decimal	4214042
CIELab	30.57, -13.97, 27.84
CIElCh	31, 31.146, 116.654
Yxy	6.4726, 0.3700, 0.4833
Android (android.graphics.Color)	4282404122 (0xFF404D1A)
YUV	67.2990, -20.3604, -2.8932
Hunter-Lab	25.4408, -9.7578, 13.2281

# Details

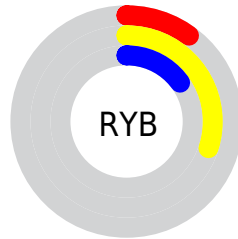
The HunterLab color **25.4408, -9.7578, 13.2281** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **13.0619, 11.9334, -23.6146**, and the grayscale version is **23.8640, -1.2733, 1.2966**.

A 20% lighter version of the original color is **43.4745, -12.6834, 18.2055**, and **11.0732, -6.2820, 6.7133** is the 20% darker color. If you saturate the color by 10%, you get **25.2548, -10.5905, 14.0024**, and if you desaturate by 10%, it is **25.6492, -8.8178, 12.2042**.

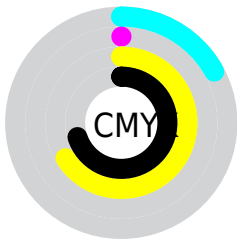
# Distribution



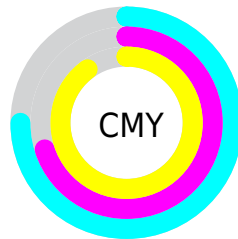
- Red (25%)
- Green (30%)
- Blue (10%)



- Red (10%)
- Yellow (30%)
- Blue (15%)



- Cyan (17%)
- Magenta (0%)
- Yellow (66%)
- Black (70%)



- Cyan (75%)
- Magenta (70%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.4408, -9.7578, 13.2281 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 25.4408, -9.7578, 13.2281 by changing the saturation by 10% instead.



■ 25.4408, -9.7578,  
13.2281

■ 25.4408, -9.7578,  
13.2281

127.7524,  
-21.8929, 32.8808

■ 17.7046, -8.2452,  
10.6050

■ 43.4789, -12.5811,  
18.2354

■ 10.9653, -6.6281,  
7.6757

■ 53.6343, -13.9383,  
20.5271

■ 2.5227, -4.4148,  
1.7659

■ 64.4764, -15.2768,  
22.7237

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.9642, -16.6042,  
24.8473

0.0000, NaN, NaN

■ 88.0634, -17.9260,  
26.9140

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.7443,

-19.2463, 28.9360

0.0000, NaN, NaN

113.9815,  
-20.5678, 30.9225

25.4408, -9.7578,  
13.2281

25.4408, -9.7578,  
13.2281

25.2548, -10.5905,  
14.0024

25.6492, -8.8178,  
12.2042

25.0884, -11.3180,  
14.5413

25.8791, -7.7657,  
10.9197

24.9345, -11.9844,  
14.9566

26.1317, -6.6011,  
9.3682

24.8774, -12.2330,  
15.1152

26.4075, -5.3243,  
7.5459

26.7068, -3.9366,  
5.4521

■ 27.0297, -2.4401,  
3.0884

■ 27.3763, -0.8378,  
0.4584

■ 27.7466, 0.8666,  
-2.4323

■ 28.1404, 2.6689,  
-5.5768

# Harmonies

## Analogous

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



25.4414, -0.1757, 14.0295



25.4408, -9.7578, 13.2281



25.4414, -16.0601, 9.8094

# Triad

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



25.4414, -9.7585, 13.2283



25.4414, -11.4871, -20.3111



25.4414, 21.9633, 0.2440

# Complementary

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



25.4408, -9.7578, 13.2281



13.0619, 11.9334, -23.6146

# 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.



25.4414, 17.6925, -11.5192



25.4408, -9.7578, 13.2281



25.4414, -2.5208, -26.0341

# Square

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



25.4414, -9.7585, 13.2283



25.4414, -16.9392, -8.7666



25.4414, 8.2953, -22.3000



25.4414, 19.2007, 8.5529



# Rectangle

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



25.4408, -9.7578, 13.2281



25.4414, -18.1039, 5.4130



25.4414, 8.2953, -22.3000



25.4414, 21.2877, -3.4333

# Sweetspot

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



25.4414, -9.7585, 13.2283



34.6146, -5.9577, 8.3709



17.5706, 9.5281, 7.6957



17.7144, -3.1958, 4.5048



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886



# Same Dimension

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



25.4414, -9.7585, 13.2283



32.7769, -14.3455, 18.6726



24.1022, -15.0150, 12.1845



13.8515, -1.4451, 1.8937



33.2251, -16.6067, 20.1824



80.6056, -41.5176, 48.9420



# Inverse Universe

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



13.0619, 11.9334, -23.6146



13.8247, 20.3620, -42.2352



15.4051, 17.5336, -17.2246



12.9400, 0.0462, -0.5248



10.8581, 27.4295, -61.4691

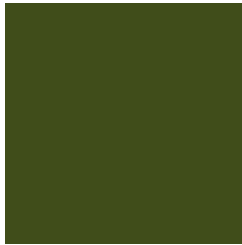


25.6904, 66.1243, -154.9369



# Previews

## White Background



This preview shows how the HunterLab color 25.4408, -9.7578, 13.2281 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

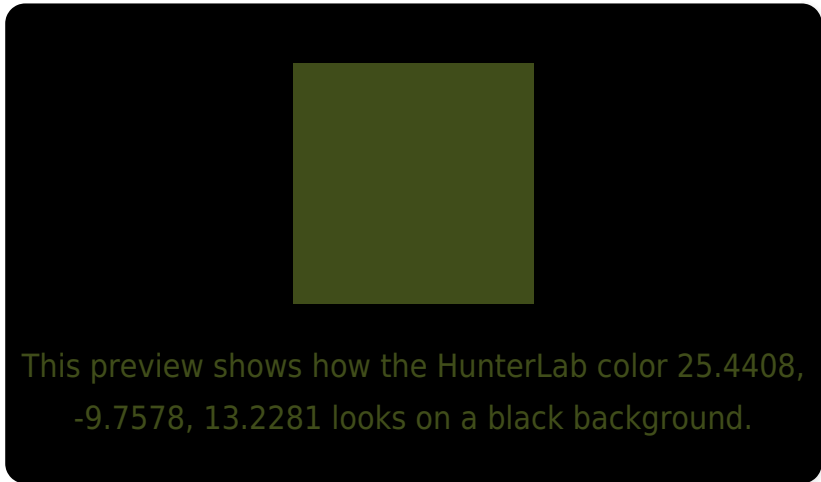
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

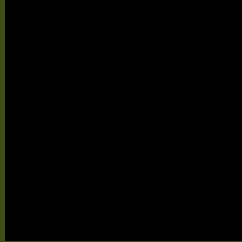
Any Text WCAG AA × Fail

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 25.4408, -9.7578, 13.2281 Background



This preview shows how black text looks on a background with the HunterLab color 25.4408, -9.7578, 13.2281.



This preview shows how white text looks on a background with the HunterLab color 25.4408, -9.7578,



# 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

25.4408, -9.7578, 13.2281

### Protanopia

25.3187, -3.4094, 13.3879

### Deuteranopia

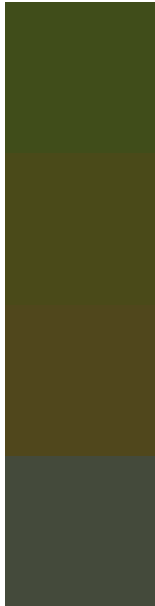
25.1929, 1.3205, 12.8112



**Tritanopia**

25.4694, -0.9909, -1.1021

# Trichromacy



## Original Color

25.4408, -9.7578, 13.2281

## Protanomaly

25.3448, -5.9819, 13.3611

## Deuteranomaly

25.0914, -2.8544, 12.8153

## Tritanomaly

25.3816, -4.8797, 5.8893

# Monochromacy



## Original Color

25.4408, -9.7578, 13.2281

## Achromatopsia

23.6915, -1.2641, 1.2872

## Achromatomaly

24.3160, -4.9689, 6.9748

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 25.4408, -9.7578, 13.2281 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(64, 77, 26)` looks like.

```
.text, #text, p{  
    color:rgb(64, 77, 26)  
}
```

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(64, 77, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 77, 26) }
```

## Border

The CSS property to change the border of an element to HunterLab 25.4408, -9.7578, 13.2281 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(64, 77, 26) }
```



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

```
.border{ border-color:rgb(64, 77, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 77, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 77, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 77, 26);  
box-shadow:4px 4px 4px 4px rgb(64, 77, 26)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 25.4408, -9.7578, 13.2281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 77, 26) }
```

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

```
.background{ background-color: rgb(64, 77,  
26) }
```

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