

# Converting Colors

HunterLab(25.7227, 1.3452,  
2.2771)

Have a look what the booklet for  
HunterLab(25.7227, 1.3452, 2.2771)  
contains.

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# Color

**HunterLab(25.8203, 1.1246,  
2.2415)**

# Conversions

## Conversions Part 1

Format	Color
Hex	504747
RGB	80, 71, 71
RGB Percent	31%, 28%, 28%
CMY	0.6863, 0.7216, 0.7216
CMYK	0.00, 0.11, 0.11, 0.69
HSL	0°, 6%, 30%
HSV	0°, 11%, 31%
XYZ	6.6988, 6.6669, 6.8950
YIQ	73.6910, 5.3640, 1.9080

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 71, 71
Decimal	5261127
CIE Lab	31.04, 3.79, 1.38
CIE LCh	31, 4.033, 20.004
Yxy	6.6672, 0.3306, 0.3291
Android (android.graphics.Color)	4283451207 (0xFF504747)
YUV	73.6910, -1.3267, 5.5330
Hunter-Lab	25.8203, 1.1246, 2.2415

# Details

The HunterLab color **25.8203, 1.1246, 2.2415** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **27.6694, -3.8108, 0.7203**, and the grayscale version is **26.0619, -1.3906, 1.4160**.

A 20% lighter version of the original color is **43.8095, 0.6662, 3.3870**, and **11.2768, 1.1279, 1.1924** is the 20% darker color. If you saturate the color by 10%, you get **23.7060, 3.5663, 2.9083**, and if you desaturate by 10%, it is **28.0394, -1.2241, 1.6147**.

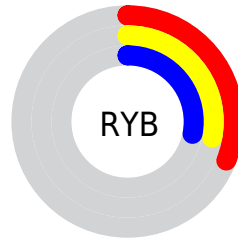
# Distribution



 Red (31%)

 Green (28%)

 Blue (28%)



 Red (31%)

 Yellow (28%)

 Blue (28%)

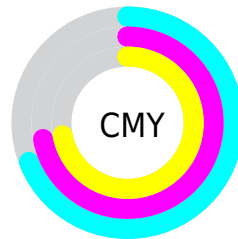


 Cyan (0%)

 Magenta (11%)

 Yellow (11%)

 Black (69%)



 Cyan (69%)

 Magenta (72%)

 Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.8203, 1.1246, 2.2415 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 25.8203, 1.1246, 2.2415 by changing the saturation by 10% instead.



■ 25.8203, 1.1246,  
2.2415

■ 25.8203, 1.1246,  
2.2415

■ 128.4012, -2.6377,  
8.4330

■ 18.0412, 1.2686,  
1.7208

■ 43.9323, 0.6251,  
3.3950

■ 11.2525, 1.3228,  
1.2386

■ 54.1204, 0.2895,  
4.0235

■ 3.3881, 4.6936,  
1.8725

■ 64.9932, -0.0955,  
4.6845

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 76.5100, -0.5257,  
5.3766

0.0000, NaN, NaN

■ 88.6366, -0.9976,  
6.0986

0.0000, NaN, NaN

0.0000, NaN, NaN

101.3438, -1.5084,

114.6061, -2.0557,  
7.6278

■ 25.8203, 1.1246,  
2.2415

■ 25.8203, 1.1246,  
2.2415

■ 23.7060, 3.5663,  
2.9083

■ 28.0394, -1.2241,  
1.6147

■ 21.7121, 6.1050,  
3.6155

■ 30.3479, -3.4854,  
1.0229

■ 19.8601, 8.7295,  
4.3617

■ 32.7350, -5.6698,  
0.4626

■ 18.1755, 11.4075,  
5.1378

■ 35.1918, -7.7877,  
-0.0705

■ 16.6878, 14.0722,  
5.9235

■ 37.7109, -9.8489,  
-0.5801

■ 15.4290, 16.6096,  
6.6830

■ 40.2861, -11.8622,  
-1.0696

■ 14.4289, 18.8581,  
7.3641

■ 42.9124, -13.8354,  
-1.5419

■ 13.6860, 20.6911,  
7.9246

■ 45.5855, -15.7749,  
-1.9996

■ 13.0605, 22.3609,  
8.4393

■ 48.3019, -17.6865,  
-2.4449

# Harmonies

## Analogous

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



25.8209, 1.2465, 0.9701



25.8203, 1.1246, 2.2415



25.8209, 0.3229, 3.2392

# Triad

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



25.8209, 1.1239, 2.2419



25.8209, -3.3517, 2.9535



25.8209, -1.8314, -1.1658

# Complementary

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



25.8203, 1.1246, 2.2415



27.6694, -3.8108, 0.7203

# 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.



25.8209, -3.0382, -0.5734



25.8203, 1.1246, 2.2415



25.8209, -3.9038, 1.8335

# Square

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



25.8209, 1.1239, 2.2419



25.8209, -2.2674, 3.6350



25.8209, -3.7903, 0.5401



25.8209, -0.4786, -1.0425



# Rectangle

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



25.8203, 1.1246, 2.2415



25.8209, -0.4790, 3.6352



25.8209, -3.7903, 0.5401



25.8209, -2.2671, -1.0426

# Sweetspot

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



25.8209, 1.1239, 2.2419



36.4853, -1.0494, 2.2833



26.0600, 2.4075, -1.1669



18.4878, -0.4381, 1.1884



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353



# Same Dimension

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



25.8209, 1.1239, 2.2419



33.4756, 2.1906, 3.1526



26.9458, -0.8120, 3.4726



13.8020, 0.2761, 1.0895



17.2524, 29.5396, 11.1480



41.4307, 70.9461, 26.7714



# Inverse Universe

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



27.6694, -3.8108, 0.7203



36.3923, -5.5997, 0.7503



26.4936, -1.9187, -0.6928



14.5564, -1.7368, 0.4688



33.1947, -17.5947, -3.5085

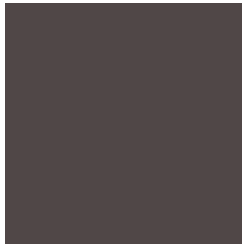


79.7174, -42.2534, -8.4269



# Previews

## White Background



This preview shows how the HunterLab color 25.8203, 1.1246, 2.2415 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

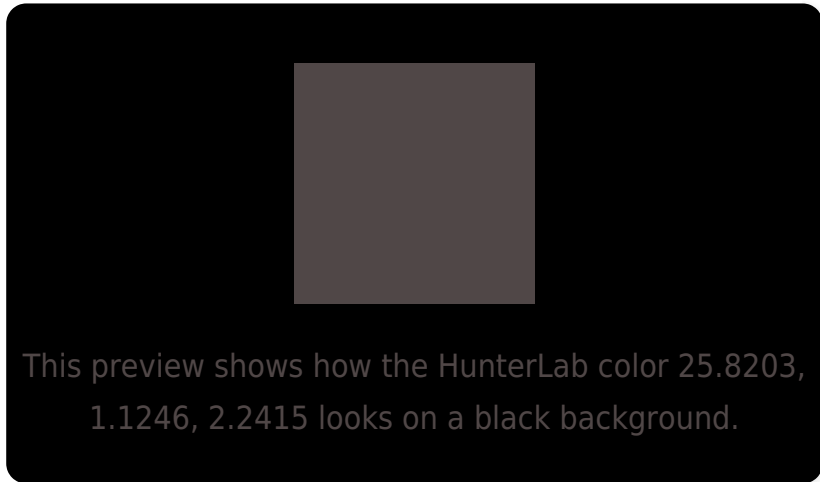
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

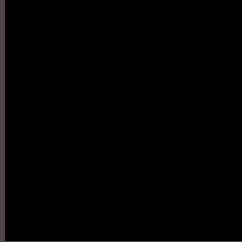
Any Text WCAG AA × Fail

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 25.8203, 1.1246, 2.2415 Background



This preview shows how black text looks on a background with the HunterLab color 25.8203, 1.1246, 2.2415.



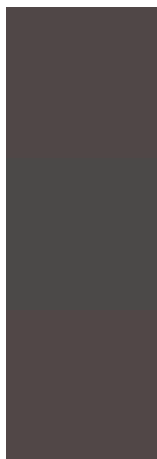
This preview shows how white text looks on a background with the HunterLab color 25.8203, 1.1246,



# 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

25.8203, 1.1246, 2.2415

### Protanopia

25.9400, -0.9840, 1.9537

### Deuteranopia

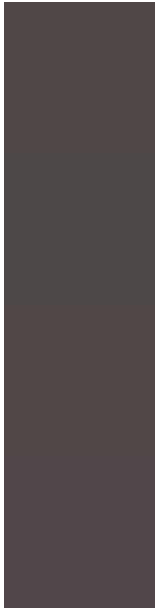
25.9051, 1.4109, 2.3436



## Tritanopia

25.7904, 2.5399, 0.2176

# Trichromacy



## Original Color

25.8203, 1.1246, 2.2415

## Protanomaly

25.8464, -0.0122, 1.8624

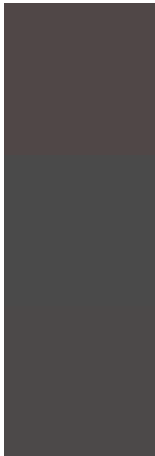
## Deuteranomaly

25.9051, 1.4109, 2.3436

## Tritanomaly

25.7373, 2.2565, 0.9742

# Monochromacy



## Original Color

25.8203, 1.1246, 2.2415

## Achromatopsia

26.1683, -1.3963, 1.4218

## Achromatomaly

26.0435, -0.5757, 1.6878

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 25.8203, 1.1246, 2.2415 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(80, 71, 71)` looks like.

```
.text, #text, p{  
    color:rgb(80, 71, 71)  
}
```

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(80, 71, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 71, 71) }
```

## Border

The CSS property to change the border of an element to HunterLab 25.8203, 1.1246, 2.2415 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(80, 71, 71) }
```



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

```
.border{ border-color:rgb(80, 71, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 71, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 71, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 71, 71);  
box-shadow:4px 4px 4px 4px rgb(80, 71, 71)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 25.8203, 1.1246, 2.2415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 71, 71) }
```

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

```
.background{ background-color: rgb(80, 71,  
71) }
```

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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