

# Converting Colors

HunterLab(29.8211, -7.2837,  
4.2887)

Have a look what the booklet for  
HunterLab(29.8211, -7.2837, 4.2887)  
contains.

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# Color

HunterLab(29.8211, -7.2837,  
4.2887)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	48584D
RGB	72, 88, 77
RGB Percent	28%, 35%, 30%
CMY	0.7176, 0.6549, 0.6980
CMYK	0.18, 0.00, 0.13, 0.65
HSL	139°, 10%, 31%
HSV	139°, 18%, 35%
XYZ	7.5018, 8.8930, 8.3423
YIQ	81.9620, -6.0050, -6.8130

# Conversions

## Conversions Part 2

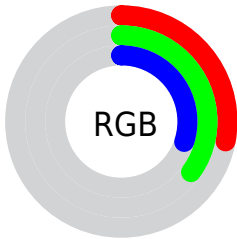
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 84, 88
Decimal	4741197
CIE <sub>Lab</sub>	35.78, -8.70, 4.33
CIE <sub>LCh</sub>	36, 9.720, 153.566
Yxy	8.8934, 0.3033, 0.3595
Android (android.graphics.Color)	4282931277 (0xFF48584D)
YUV	81.9620, -2.4463, -8.7367
Hunter-Lab	29.8211, -7.2837, 4.2887

# Details

The HunterLab color  $29.8211, -7.2837, 4.2887$  is a dark color, and the websafe version is hex  $666666$ . A complement of this color would be  $27.0817, 4.7004, -1.1474$ , and the grayscale version is  $29.0445, -1.5497, 1.5780$ .

A 20% lighter version of the original color is  $48.7322, -9.3150, 5.8504$ , and  $14.4376, -5.2704, 2.8953$  is the 20% darker color. If you saturate the color by 10%, you get  $29.1504, -10.0576, 5.6785$ , and if you desaturate by 10%, it is  $30.5707, -4.2794, 2.8709$ .

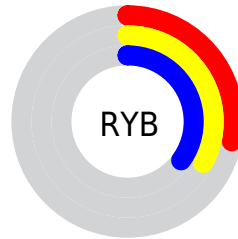
# Distribution



Red (28%)

Green (35%)

Blue (30%)



Red (28%)

Yellow (33%)

Blue (35%)

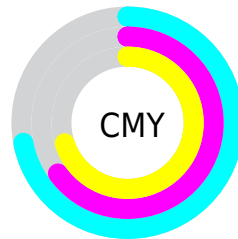


Cyan (18%)

Magenta (0%)

Yellow (13%)

Black (65%)



Cyan (72%)

Magenta (65%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.8211, -7.2837, 4.2887 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 29.8211, -7.2837, 4.2887 by changing the saturation by 10% instead.



■ 29.8211, -7.2837,  
4.2887

■ 29.8211, -7.2837,  
4.2887

135.1223,  
-16.8731, 11.9057

■ 21.6141, -6.2187,  
3.5430

■ 48.6745, -9.3749,  
5.8315

■ 14.3386, -5.1147,  
2.8049

■ 59.1928, -10.4184,  
6.6332

■ 7.9980, -5.1691,  
2.6779

■ 70.3756, -11.4675,  
7.4566

0.0000, NaN, NaN

■ 82.1854, -12.5250,  
8.3023

0.0000, NaN, NaN

■ 94.5907, -13.5932,  
9.1701

0.0000, NaN, NaN

107.5640,

0.0000, NaN, NaN

-14.6733, 10.0601

0.0000, NaN, NaN

121.0816,  
-15.7663, 10.9721

■ 29.8211, -7.2837,  
4.2887

■ 29.8211, -7.2837,  
4.2887

■ 29.1504, -10.0576,  
5.6785

■ 30.5707, -4.2794,  
2.8709

■ 28.5581, -12.5742,  
7.0261

■ 31.3950, -1.0696,  
1.4358

■ 28.0457, -14.8116,  
8.3182

■ 32.2921, 2.3184,  
-0.0056

■ 27.6127, -16.7521,  
9.5413

■ 33.2590, 5.8590,  
-1.4441

■ 27.2578, -18.3844,  
10.6822

■ 34.2925, 9.5284,  
-2.8724

■ 26.9782, -19.7050,  
11.7289

■ 35.3892, 13.3047,  
-4.2844

■ 26.7697, -20.7201,  
12.6712

■ 36.5457, 17.1688,  
-5.6754

■ 26.6023, -21.5479,  
13.4820

■ 37.7587, 21.1040,  
-7.0421

■ 26.5730, -21.6920,  
13.6128

■ 39.0250, 25.0960,  
-8.3823

# Harmonies

## Analogous

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



29.8217, -5.1604, 6.4020



29.8211, -7.2837, 4.2887



29.8217, -7.9078, 1.2295

# Triad

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



29.8217, -7.2843, 4.2891



29.8217, -1.1805, -5.3596



29.8217, 4.1176, 4.8950

# Complementary

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



29.8211, -7.2837, 4.2887



27.0817, 4.7004, -1.1474

# 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.



29.8217, 5.2957, 2.0118



29.8211, -7.2837, 4.2887



29.8217, 2.1508, -4.1062

# Square

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



29.8217, -7.2843, 4.2891



29.8217, -4.4788, -4.5744



29.8217, 4.5603, -1.3139



29.8217, 1.4073, 6.7230



# Rectangle

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



29.8211, -7.2837, 4.2887



29.8217, -7.4133, -1.0019



29.8217, 4.5603, -1.3139



29.8217, 4.7114, 4.0296

# Sweetspot

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



29.8217, -7.2843, 4.2891



40.7430, -4.4050, 3.2253



30.4891, -5.0869, 6.7757



20.4836, -2.3117, 1.6662



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297



# Same Dimension

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



29.8217, -7.2843, 4.2891



39.0178, -11.3391, 6.5124



30.0171, -6.1805, 1.4940



15.2992, -2.2346, 1.4802



32.6323, -26.7522, 16.9627



77.2483, -63.9984, 41.6006



# Inverse Universe

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



27.0817, 4.7004, -1.1474



34.5190, 8.3591, -2.4094



26.8707, 3.5885, 1.8530



14.6299, 0.6890, 0.1514



19.0302, 35.1619, -7.6416



44.9196, 82.6775, -15.5575



# Previews

## White Background



This preview shows how the HunterLab color 29.8211, -7.2837, 4.2887 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 29.8211, -7.2837, 4.2887 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

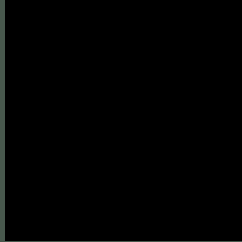
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

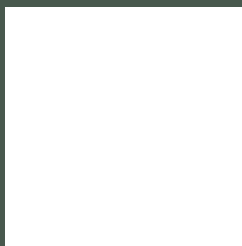
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 29.8211, -7.2837, 4.2887 Background



This preview shows how black text looks on a background with the HunterLab color 29.8211, -7.2837, 4.2887.



This preview shows how white text looks on a background with the HunterLab color 29.8211, -7.2837, 4.2887.



# 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

29.8211, -7.2837, 4.2887

### Protanopia

29.8720, -1.6944, 5.1653

### Deuteranopia

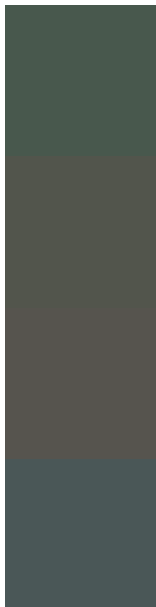
29.6894, 1.7550, 3.9313



## Tritanopia

29.9028, -3.3500, -2.1660

# Trichromacy



## Original Color

29.8211, -7.2837, 4.2887

## Protanomaly

29.6861, -3.6508, 4.5725

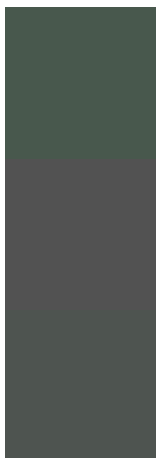
## Deuteranomaly

29.7811, -1.8701, 3.9687

## Tritanomaly

29.9339, -4.9621, 0.4986

# Monochromacy



## Original Color

29.8211, -7.2837, 4.2887

## Achromatopsia

29.0476, -1.5499, 1.5782

## Achromatomaly

29.2225, -3.7378, 2.5430

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 29.8211, -7.2837, 4.2887 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(72, 88, 77)` looks like.

```
.text, #text, p{  
    color:rgb(72, 88, 77)  
}
```

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(72, 88, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 88, 77) }
```

## Border

The CSS property to change the border of an element to HunterLab 29.8211, -7.2837, 4.2887 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(72, 88, 77) }
```



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

```
.border{ border-color:rgb(72, 88, 77) }
```

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

Here you see how a box with a 4 pixel rgb(72, 88, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 88, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 88, 77);  
box-shadow:4px 4px 4px 4px rgb(72, 88, 77)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 29.8211, -7.2837, 4.2887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 88, 77) }
```

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

```
.background{ background-color: rgb(72, 88,  
77) }
```

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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