

# Converting Colors

HunterLab(35.7946, -12.7269,  
10.2239)

Have a look what the booklet for  
HunterLab(35.7946, -12.7269,  
10.2239) contains.

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# Color

**HunterLab(35.7778,  
-12.7670, 10.1873)**

# Conversions

## Conversions Part 1

Format	Color
Hex	516B4D
RGB	81, 107, 77
RGB Percent	32%, 42%, 30%
CMY	0.6824, 0.5804, 0.6980
CMYK	0.24, 0.00, 0.28, 0.58
HSL	112°, 16%, 36%
HSV	112°, 28%, 42%
XYZ	9.9906, 12.8005, 8.9654
YIQ	95.8060, -5.8660, -14.8420

# Conversions

## Conversions Part 2

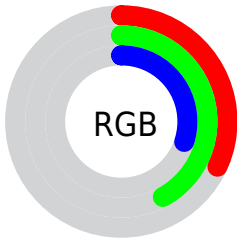
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 107, 103
Decimal	5335885
CIELab	42.46, -16.02, 13.79
CIELCh	42, 21.135, 139.286
Yxy	12.8011, 0.3146, 0.4031
Android (android.graphics.Color)	4283525965 (0xFF516B4D)
YUV	95.8060, -9.2714, -12.9849
Hunter-Lab	35.7778, -12.7670, 10.1873

# Details

The HunterLab color  $35.7778, -12.7670, 10.1873$  is a dark color, and the websafe version is hex  $336633$ . A complement of this color would be  $30.4191, 10.7384, -8.1810$ , and the grayscale version is  $34.1643, -1.8229, 1.8562$ .

A 20% lighter version of the original color is  $55.4846, -15.5351, 12.8249$ , and  $18.9606, -9.3479, 7.0205$  is the 20% darker color. If you saturate the color by 10%, you get  $35.0428, -15.9786, 12.5140$ , and if you desaturate by 10%, it is  $36.6100, -9.2148, 7.5504$ .

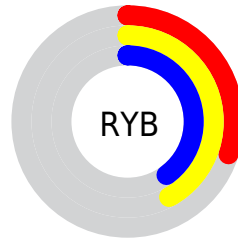
# Distribution



Red (32%)

Green (42%)

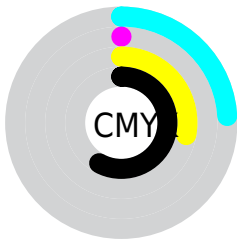
Blue (30%)



Red (30%)

Yellow (42%)

Blue (40%)

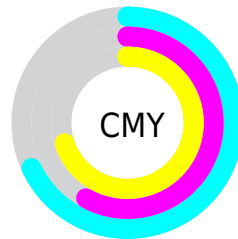


Cyan (24%)

Magenta (0%)

Yellow (28%)

Black (58%)



Cyan (68%)

Magenta (58%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.7778, -12.7670, 10.1873 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 35.7778, -12.7670, 10.1873 by changing the saturation by 10% instead.



■ 35.7778, -12.7670,  
10.1873

■ 35.7778, -12.7670,  
10.1873

■ 144.7891,  
-25.7244, 22.1852

■ 27.0031, -11.1952,  
8.7532

■ 55.6290, -15.7580,  
12.9265

■ 19.0924, -9.5319,  
7.2390

■ 66.5959, -17.2081,  
14.2610

■ 12.1537, -7.7181,  
5.8815

■ 78.2016, -18.6413,  
15.5843

■ 5.2207, -9.1361,  
3.6545

■ 90.4126, -20.0639,  
16.9020

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.2004,  
-21.4803, 18.2181

0.0000, NaN, NaN

116.5399,

0.0000, NaN, NaN

-22.8942, 19.5359

0.0000, NaN, NaN

130.4093,  
-24.3082, 20.8577

■ 35.7778, -12.7670,  
10.1873

■ 35.7778, -12.7670,  
10.1873

■ 35.0428, -15.9786,  
12.5140

■ 36.6100, -9.2148,  
7.5504

■ 34.4040, -18.8188,  
14.5103

■ 37.5352, -5.3522,  
4.6254

■ 33.8619, -21.2659,  
16.1640

■ 38.5514, -1.2140,  
1.4388

■ 33.4154, -23.3053,  
17.4703

■ 39.6553, 3.1656,  
-1.9826

■ 33.0616, -24.9327,  
18.4347

■ 40.8431, 7.7534,  
-5.6118

■ 32.7958, -26.1563,  
19.0745

■ 42.1109, 12.5187,  
-9.4229

■ 32.6058, -27.0350,  
19.5086

■ 43.4547, 17.4332,  
-13.3920

■ 32.5751, -27.1798,  
19.5968

■ 44.8704, 22.4718,  
-17.4972

■ 46.3539, 27.6127,  
-21.7188

# Harmonies

## Analogous

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



35.7786, -6.8173, 13.1264



35.7778, -12.7670, 10.1873



35.7786, -15.7157, 4.5447

# Triad

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



35.7786, -12.7677, 10.1877



35.7786, -4.7063, -15.4720



35.7786, 13.6770, 6.4218

# Complementary

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



35.7778, -12.7670, 10.1873



30.4191, 10.7384, -8.1810

# 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.



35.7786, 14.3673, -0.8602



35.7778, -12.7670, 10.1873



35.7786, 3.2748, -14.6599

# Square

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



35.7786, -12.7677, 10.1877



35.7786, -11.3386, -10.9086



35.7786, 10.4178, -8.8851



35.7786, 8.6068, 11.3029



# Rectangle

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



35.7778, -12.7670, 10.1873



35.7786, -15.7713, -0.4773



35.7786, 10.4178, -8.8851



35.7786, 14.4447, 4.2137

# Sweetspot

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



35.7786, -12.7677, 10.1877



50.2022, -7.2626, 6.2663



36.5550, -4.1357, 11.0644



24.6206, -3.8951, 3.3285



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715



# Same Dimension

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



35.7786, -12.7677, 10.1877



47.1807, -20.1101, 15.8332



35.7747, -12.3105, 6.5270



18.6074, -2.8432, 2.4386



35.9160, -30.0324, 21.6055



80.9328, -68.3923, 48.6731



# Inverse Universe

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



30.4191, 10.7384, -8.1810



38.3575, 18.7001, -14.5373



30.4605, 10.1529, -2.5937



17.7327, 0.9770, -0.5408



20.2401, 41.0421, -36.3806



45.3899, 92.2285, -83.0483



# Previews

## White Background



This preview shows how the HunterLab color 35.7778, -12.7670, 10.1873 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 × Fail



# Black Background



This preview shows how the HunterLab color 35.7778, -12.7670, 10.1873 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

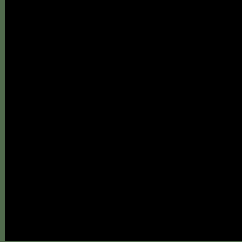
Any Text WCAG AA × Fail

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 35.7778, -12.7670, 10.1873 Background



This preview shows how black text looks on a background with the HunterLab color 35.7778, -12.7670, 10.1873.



This preview shows how white text looks on a background with the HunterLab color 35.7778,

-12.7670, 10.1873.

# 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

35.7778, -12.7670, 10.1873

### Protanopia

35.6855, -3.1425, 11.1704

### Deuteranopia

35.6541, 2.3398, 9.7100



## Tritanopia

35.8810, -4.8356, -2.8254

# Trichromacy



## Original Color

35.7778, -12.7670, 10.1873

## Protanomaly

35.7843, -6.9677, 10.8990

## Deuteranomaly

35.5070, -3.6146, 9.7804

## Tritanomaly

35.6830, -7.6754, 2.2395

# Monochromacy



## Original Color

35.7778, -12.7670, 10.1873

## Achromatopsia

34.2010, -1.8249, 1.8582

## Achromatomaly

34.7272, -5.9037, 5.1593

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 35.7778, -12.7670, 10.1873 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(81, 107, 77)` looks like.

```
.text, #text, p{  
    color:rgb(81, 107, 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(81, 107, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 107, 77) }
```

## Border

The CSS property to change the border of an element to HunterLab 35.7778, -12.7670, 10.1873 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(81, 107, 77) }
```



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

```
.border{ border-color:rgb(81, 107, 77) }
```

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

Here you see how a box with a 4 pixel rgb(81, 107, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 107, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 107, 77);  
box-shadow:4px 4px 4px 4px rgb(81, 107,  
77) }
```

# Background

The CSS property to change the background color of an element to HunterLab 35.7778, -12.7670, 10.1873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 107, 77) }
```

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

```
.background{ background-color: rgb(81, 107,  
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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