

# Converting Colors

HunterLab(37.7114, -17.2990,  
0.8286)

Have a look what the booklet for  
HunterLab(37.7114, -17.2990,  
0.8286) contains.

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# Color

**HunterLab(37.7853,  
-17.3843, 0.7170)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33746C
RGB	51, 116, 108
RGB Percent	20%, 45%, 42%
CMY	0.8000, 0.5451, 0.5765
CMYK	0.56, 0.00, 0.07, 0.55
HSL	173°, 39%, 33%
HSV	173°, 56%, 45%
XYZ	10.3174, 14.2773, 16.3994
YIQ	95.6530, -36.1720, -16.2680

# Conversions

## Conversions Part 2

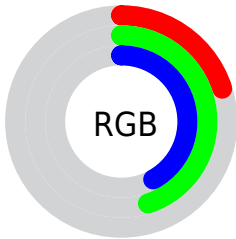
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 86, 116
Decimal	3372140
CIELab	44.63, -22.81, -1.88
CIElCh	45, 22.891, 184.709
Yxy	14.2778, 0.2517, 0.3483
Android (android.graphics.Color)	4281562220 (0xFF33746C)
YUV	95.6530, 6.0871, -39.1607
Hunter-Lab	37.7853, -17.3843, 0.7170

# Details

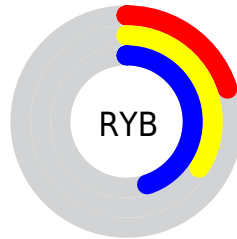
The HunterLab color  $[37.7853, -17.3843, 0.7170]$  is a dark color, and the websafe version is hex  $006666$ . A complement of this color would be  $[25.2919, 20.5008, 6.2429]$ , and the grayscale version is  $[34.0600, -1.8174, 1.8505]$ .

A 20% lighter version of the original color is  $[57.8373, -21.0669, 1.6455]$ , and  $[20.8596, -12.1209, 0.0928]$  is the 20% darker color. If you saturate the color by 10%, you get  $[37.3939, -18.9976, 0.8408]$ , and if you desaturate by 10%, it is  $[38.2732, -15.4254, 0.7130]$ .

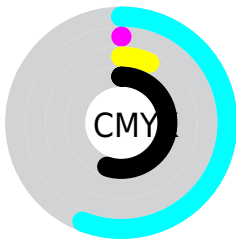
# Distribution



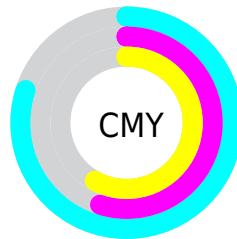
- Red (20%)
- Green (45%)
- Blue (42%)



- Red (20%)
- Yellow (34%)
- Blue (45%)



- Cyan (56%)
- Magenta (0%)
- Yellow (7%)
- Black (55%)



- Cyan (80%)
- Magenta (55%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.7853, -17.3843, 0.7170 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 37.7853, -17.3843, 0.7170 by changing the saturation by 10% instead.



■ 37.7853, -17.3843,  
0.7170

■ 37.7853, -17.3843,  
0.7170

■ 147.9704,  
-33.4480, 5.9659

■ 28.8343, -15.3345,  
0.3413

■ 57.9493, -21.2136,  
1.6167

■ 20.7283, -13.1384,  
0.0223

■ 69.0577, -23.0402,  
2.1312

■ 13.5677, -10.7146,  
-0.2302

■ 80.7972, -24.8278,  
2.6848

■ 7.1585, -12.5273,  
-0.6985

■ 93.1355, -26.5861,  
3.2750

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.0448,  
-28.3223, 3.8999

0.0000, NaN, NaN

■ 119.5010,

0.0000, NaN, NaN

-30.0419, 4.5576

0.0000, NaN, NaN

133.4825,  
-31.7493, 5.2467

■ 37.7853, -17.3843,  
0.7170

■ 37.7853, -17.3843,  
0.7170

■ 37.3939, -18.9976,  
0.8408

■ 38.2732, -15.4254,  
0.7130

■ 37.0921, -20.2701,  
1.0759

■ 38.8583, -13.1238,  
0.8312

■ 36.8740, -21.2183,  
1.4128

■ 39.5431, -10.4915,  
1.0735

■ 36.7233, -21.9007,  
1.8288

■ 40.3277, -7.5464,  
1.4384

■ 36.6675, -22.1559,  
1.9970

■ 41.2113, -4.3113,  
1.9228

■ 42.1922, -0.8118,  
2.5214

■ 43.2679, 2.9249,  
3.2280

■ 44.4354, 6.8710,  
4.0353

■ 45.6911, 10.9999,  
4.9358

# Harmonies

## Analogous

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



37.7860, -16.0753, 8.2826



37.7853, -17.3843, 0.7170



37.7860, -14.8935, -8.2532

# Triad

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



37.7860, -17.3846, 0.7175



37.7860, 8.0605, -13.6309



37.7860, 5.4516, 13.8666

# Complementary

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



37.7853, -17.3843, 0.7170



25.2919, 20.5008, 6.2429

# 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.



37.7860, 12.8516, 10.0912



37.7853, -17.3843, 0.7170



37.7860, 14.4515, -5.4501

# Square

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



37.7860, -17.3846, 0.7175



37.7860, -0.6253, -17.6538



37.7860, 16.2796, 3.3488



37.7860, -3.3912, 14.7960



# Rectangle

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



37.7853, -17.3843, 0.7170



37.7860, -11.2666, -13.5008



37.7860, 16.2796, 3.3488



37.7860, 8.2153, 12.9384

# Sweetspot

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



37.7860, -17.3846, 0.7175



53.3133, -10.5746, 1.8298



36.9874, -22.8059, 17.3713



25.9601, -5.4622, 0.8546



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704



# Same Dimension

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



37.7860, -17.3846, 0.7175



49.4591, -25.6800, 1.1837



31.0620, -6.3190, -12.5101



20.3664, -2.6444, 0.8779



38.8408, -23.4844, 2.1485



85.6918, -52.1429, 5.4544



# Inverse Universe

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



25.2919, 20.5008, 6.2429



30.2101, 33.7371, 10.2456



29.9367, 9.0567, 12.4020



19.2549, 0.6098, 1.3149



20.4976, 35.2720, 11.9335



45.1699, 77.5711, 27.5115



# Previews

## White Background



This preview shows how the HunterLab color 37.7853, -17.3843, 0.7170 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 37.7853, -17.3843, 0.7170 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

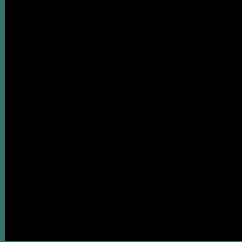
Any Text WCAG AA × Fail

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 37.7853, -17.3843, 0.7170 Background



This preview shows how black text looks on a background with the HunterLab color 37.7853, -17.3843, 0.7170.



This preview shows how white text looks on a background with the HunterLab color 37.7853,

-17.3843, 0.7170.

# 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

37.7853, -17.3843, 0.7170

### Protanopia

37.7238, -1.7364, 3.8644

### Deuteranopia

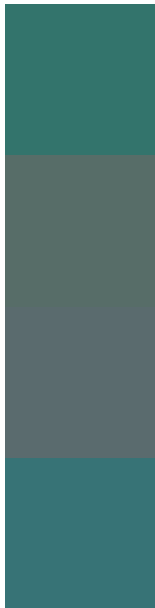
37.5436, 2.3007, -0.5755



## Tritanopia

37.8610, -13.0768, -6.2441

# Trichromacy



## Original Color

37.7853, -17.3843, 0.7170

## Protanomaly

37.3671, -8.5574, 2.0952

## Deuteranomaly

37.1683, -6.0288, -0.7344

## Tritanomaly

37.9232, -14.7015, -3.6856

# Monochromacy



## Original Color

37.7853, -17.3843, 0.7170

## Achromatopsia

34.2010, -1.8249, 1.8582

## Achromatomaly

35.1085, -8.2650, 1.1283

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 37.7853, -17.3843, 0.7170 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(51, 116, 108)` looks like.

```
.text, #text, p{  
    color:rgb(51, 116, 108)  
}
```

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(51, 116, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 116, 108) }
```

## Border

The CSS property to change the border of an element to HunterLab 37.7853, -17.3843, 0.7170 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(51, 116, 108) }
```



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

```
.border{ border-color:rgb(51, 116, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 116, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 116, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 116, 108);  
box-shadow:4px 4px 4px 4px rgb(51, 116,  
108) }
```

# Background

The CSS property to change the background color of an element to HunterLab 37.7853, -17.3843, 0.7170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 116, 108) }
```

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

```
.background{ background-color: rgb(51, 116,  
108) }
```

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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