

Converting Colors

HunterLab(37.1380, -17.4613,
-0.8542)

Have a look what the booklet for
HunterLab(37.1380, -17.4613,
-0.8542) contains.

HunterLab(37.2838, -17.6510, -0.7938)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(37.2838,
-17.6510, -0.7938)**

Conversions

Conversions Part 1

Format	Color
Hex	2B736E
RGB	43, 115, 110
RGB Percent	17%, 45%, 43%
CMY	0.8314, 0.5490, 0.5686
CMYK	0.63, 0.00, 0.04, 0.55
HSL	176°, 46%, 31%
HSV	176°, 63%, 45%
XYZ	9.9414, 13.9008, 16.9110
YIQ	92.9020, -41.3070, -16.8190

Conversions

Conversions Part 2

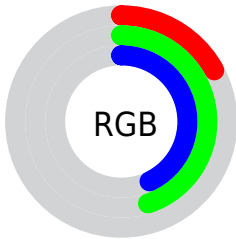
Format	Color
RYB	43, 80, 115
Decimal	2847598
CIELab	44.09, -23.43, -3.90
CIElCh	44, 23.752, 189.454
Yxy	13.9014, 0.2439, 0.3411
Android (android.graphics.Color)	4281037678 (0xFF2B736E)
YUV	92.9020, 8.4293, -43.7641
Hunter-Lab	37.2838, -17.6510, -0.7938

Details

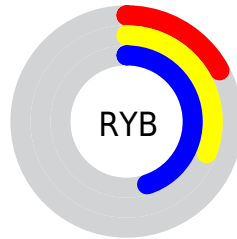
The HunterLab color **37.2838, -17.6510, -0.7938** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **23.6355, 22.5902, 7.9439**, and the grayscale version is **33.0301, -1.7624, 1.7946**.

A 20% lighter version of the original color is **57.2777, -21.4261, 0.0163**, and **20.6284, -11.4780, -1.0061** is the 20% darker color. If you saturate the color by 10%, you get **36.9724, -18.9208, -0.8419**, and if you desaturate by 10%, it is **37.6875, -16.0434, -0.6264**.

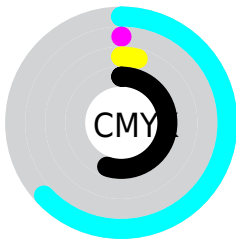
Distribution



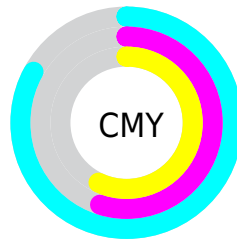
- Red (17%)
- Green (45%)
- Blue (43%)



- Red (17%)
- Yellow (31%)
- Blue (45%)



- Cyan (63%)
- Magenta (0%)
- Yellow (4%)
- Black (55%)



- Cyan (83%)
- Magenta (55%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.2838, -17.6510, -0.7938 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 37.2838, -17.6510, -0.7938 by changing the saturation by 10% instead.

37.2838, -17.6510,
-0.7938

37.2838, -17.6510,
-0.7938

147.1789,
-34.0194, 3.6489

28.3762, -15.5489,
-1.0518

57.3706, -21.5672,
-0.1059

20.3182, -13.2912,
-1.2427

68.4441, -23.4314,
0.3119

13.2121, -10.7908,
-1.3533

80.1505, -25.2537,
0.7736

6.7299, -11.7773,
-2.0367

92.4574, -27.0444,
1.2761

0.0000, NaN, NaN

0.0000, NaN, NaN

105.3366,
-28.8111, 1.8169

0.0000, NaN, NaN

118.7639,

0.0000, NaN, NaN

-30.5596, 2.3938

0.0000, NaN, NaN

132.7177,
-32.2945, 3.0050

■ 37.2838, -17.6510,
-0.7938

■ 37.2838, -17.6510,
-0.7938

■ 36.9724, -18.9208,
-0.8419

■ 37.6875, -16.0434,
-0.6264

■ 36.7450, -19.8657,
-0.7797

■ 38.1853, -14.0940,
-0.3371

■ 36.5938, -20.5132,
-0.6184

■ 38.7807, -11.8081,
0.0759

■ 36.5017, -20.9151,
-0.4742

■ 39.4748, -9.1986,
0.6112

■ 40.2676, -6.2837,
1.2650

■ 41.1582, -3.0862,
2.0320

■ 42.1445, 0.3686,
2.9052

■ 43.2241, 4.0538,
3.8771

■ 44.3938, 7.9426,
4.9392

Harmonies

Analogous

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



37.2845, -16.9274, 7.3844



37.2838, -17.6510, -0.7938



37.2845, -14.4992, -10.0969

Triad

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



37.2845, -17.6512, -0.7933



37.2845, 9.7238, -13.1486



37.2845, 4.3147, 14.4411

Complementary

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



37.2838, -17.6510, -0.7938



23.6355, 22.5902, 7.9439

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.



37.2845, 12.4192, 11.0909



37.2838, -17.6510, -0.7938



37.2845, 15.7430, -4.2603

Square

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



37.2845, -17.6512, -0.7933



37.2845, 0.9103, -18.2708



37.2845, 16.7739, 4.6475



37.2845, -4.8070, 14.9444

Rectangle

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



37.2838, -17.6510, -0.7938



37.2845, -10.4299, -15.2273



37.2845, 16.7739, 4.6475



37.2845, 7.2714, 13.6567

Sweetspot

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



37.2845, -17.6512, -0.7933



53.1386, -11.1395, 1.0730



36.1792, -24.6635, 18.1158



25.8394, -5.8669, 0.4308



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.



37.2845, -17.6512, -0.7933



49.3283, -25.9225, -1.1078



28.7208, -4.6453, -15.8680



20.3743, -2.6007, 0.7657



39.0257, -22.3721, -0.4839



86.1198, -49.5679, -0.6392

Inverse Universe

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



23.6355, 22.5902, 7.9439



28.4277, 37.0525, 12.8925



29.2999, 8.9725, 13.5861



19.2474, 0.5689, 1.4231



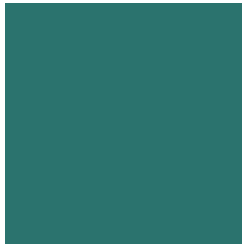
20.4584, 35.1267, 12.5138



45.1078, 77.3407, 28.4327

Previews

White Background



This preview shows how the HunterLab color 37.2838, -17.6510, -0.7938 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 37.2838, -17.6510, -0.7938 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 37.2838, -17.6510, -0.7938 Background



This preview shows how black text looks on a background with the HunterLab color 37.2838, -17.6510, -0.7938.



This preview shows how white text looks on a background with the HunterLab color 37.2838,

-17.6510, -0.7938.

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

37.2838, -17.6510, -0.7938

Protanopia

37.0728, -1.1178, 2.3026

Deuteranopia

37.0821, 2.2133, -2.0905



Tritanopia

37.2403, -13.9570, -6.6113

Trichromacy



Original Color

37.2838, -17.6510, -0.7938

Protanomaly

36.5992, -8.3197, 0.3171

Deuteranomaly

36.6186, -6.4408, -2.3685

Tritanomaly

37.3456, -15.3613, -4.4675

Monochromacy



Original Color

37.2838, -17.6510, -0.7938

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

34.2112, -8.6983, 0.4708

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.2838, -17.6510, -0.7938 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(43, 115, 110)` looks like.

```
.text, #text, p{  
    color:rgb(43, 115, 110)  
}
```

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(43, 115, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 115, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 37.2838, -17.6510, -0.7938 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(43, 115, 110) }
```


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

```
.border{ border-color:rgb(43, 115, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 115, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 115, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 115, 110);  
box-shadow:4px 4px 4px 4px rgb(43, 115,  
110) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.2838, -17.6510, -0.7938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 115, 110) }
```

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

```
.background{ background-color: rgb(43, 115,  
110) }
```

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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