

Converting Colors

HunterLab(37.8618, -21.6413,
13.2449)

Have a look what the booklet for
HunterLab(37.8618, -21.6413,
13.2449) contains.

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Color

**HunterLab(37.8874,
-21.7726, 13.3706)**

Conversions

Conversions Part 1

Format	Color
Hex	3B7648
RGB	59, 118, 72
RGB Percent	23%, 46%, 28%
CMY	0.7686, 0.5372, 0.7176
CMYK	0.50, 0.00, 0.39, 0.54
HSL	133°, 33%, 35%
HSV	133°, 50%, 46%
XYZ	9.4518, 14.3546, 8.4035
YIQ	95.1150, -20.3980, -26.8140

Conversions

Conversions Part 2

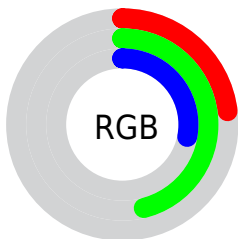
Format	Color
RYB	59, 107, 118
Decimal	3896904
CIELab	44.74, -30.15, 19.57
CIELCh	45, 35.944, 147.017
Yxy	14.3551, 0.2934, 0.4457
Android (android.graphics.Color)	4282086984 (0xFF3B7648)
YUV	95.1150, -11.3957, -31.6729
Hunter-Lab	37.8874, -21.7726, 13.3706

Details

The HunterLab color $[37.8874, -21.7726, 13.3706]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[28.2837, 23.6198, -10.1748]$, and the grayscale version is $[33.9183, -1.8098, 1.8428]$.

A 20% lighter version of the original color is $[58.1561, -26.7450, 16.9254]$, and $[20.8371, -16.4324, 9.6016]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.3138, -24.3889, 15.1395]$, and if you desaturate by 10%, it is $[38.5832, -18.6872, 11.4242]$.

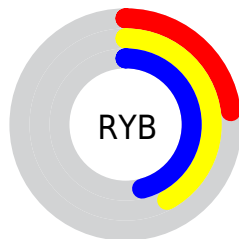
Distribution



Red (23%)

Green (46%)

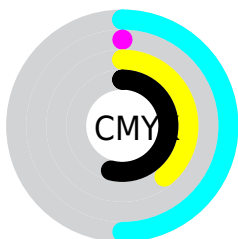
Blue (28%)



Red (23%)

Yellow (42%)

Blue (46%)

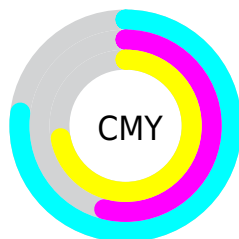


Cyan (50%)

Magenta (0%)

Yellow (39%)

Black (54%)



Cyan (77%)

Magenta (54%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.8874, -21.7726, 13.3706 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 37.8874, -21.7726, 13.3706 by changing the saturation by 10% instead.

■ 37.8874, -21.7726,
13.3706

■ 37.8874, -21.7726,
13.3706

148.1314,
-41.3008, 28.0775

■ 28.9276, -19.1738,
11.5121

■ 58.0671, -26.5529,
16.8507

■ 20.8119, -16.3559,
9.5240

■ 69.1826, -28.8016,
18.5155

■ 13.6404, -13.2089,
7.7727

■ 80.9288, -30.9844,
20.1482

■ 7.2424, -12.6742,
5.0697

■ 93.2735, -33.1155,
21.7579

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.1889,
-35.2054, 23.3512

0.0000, NaN, NaN

■ 119.6509,

0.0000, NaN, NaN

-37.2622, 24.9330

0.0000, NaN, NaN

133.6380,
-39.2923, 26.5074

■ 37.8874, -21.7726,
13.3706

■ 37.8874, -21.7726,
13.3706

■ 37.3138, -24.3889,
15.1395

■ 38.5832, -18.6872,
11.4242

■ 36.8570, -26.5205,
16.7113

■ 39.3997, -15.1567,
9.3213

■ 36.5125, -28.1692,
18.0718

■ 40.3371, -11.2164,
7.0858

■ 36.2722, -29.3536,
19.2120

■ 41.3930, -6.9068,
4.7418

■ 36.0999, -30.2180,
20.1103

■ 42.5642, -2.2714,
2.3127

■ 43.8465, 2.6462,
-0.1798

■ 45.2351, 7.8037,
-2.7162

■ 46.7246, 13.1617,
-5.2798

■ 48.3099, 18.6849,
-7.8564

Harmonies

Analogous

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



37.8882, -13.3162, 18.3382



37.8874, -21.7726, 13.3706



37.8882, -25.0044, 3.3496

Triad

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



37.8882, -21.7732, 13.3709



37.8882, -3.3915, -32.6959



37.8882, 24.5657, 11.8122

Complementary

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



37.8874, -21.7726, 13.3706



28.2837, 23.6198, -10.1748

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.



37.8882, 28.2075, 0.7283



37.8874, -21.7726, 13.3706



37.8882, 10.7691, -27.9353

Square

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



37.8882, -21.7732, 13.3709



37.8882, -15.3865, -25.7311



37.8882, 22.8414, -14.3701



37.8882, 13.4937, 17.6902

Rectangle

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



37.8874, -21.7726, 13.3706



37.8882, -24.1623, -6.0738



37.8882, 22.8414, -14.3701



37.8882, 26.7624, 8.7177

Sweetspot

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



37.8882, -21.7732, 13.3709



54.1152, -12.2863, 7.9736



40.3605, -12.6078, 18.5708



25.8390, -6.3379, 4.0674



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.



37.8882, -21.7732, 13.3709



49.3776, -32.8027, 20.4033



38.5129, -18.0584, 4.3483



20.2736, -3.1607, 2.2028



37.5453, -31.4440, 20.9501



82.8164, -69.8233, 47.2152

Inverse Universe

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



28.2837, 23.6198, -10.1748



34.3778, 38.6702, -16.2681



27.3817, 19.4242, 2.5184



19.3514, 1.1290, -0.0597



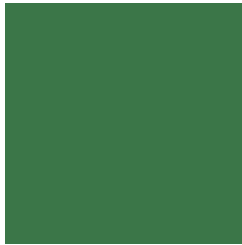
22.3627, 42.0263, -14.4608



49.2323, 92.2996, -30.1071

Previews

White Background



This preview shows how the HunterLab color 37.8874, -21.7726, 13.3706 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 37.8874, -21.7726, 13.3706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

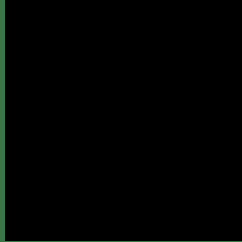
Any Text WCAG AA × Fail

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 37.8874, -21.7726, 13.3706 Background



This preview shows how black text looks on a background with the HunterLab color 37.8874, -21.7726, 13.3706.



This preview shows how white text looks on a background with the HunterLab color 37.8874,

-21.7726, 13.3706.

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

37.8874, -21.7726, 13.3706

Protanopia

37.6208, -3.5149, 14.7514

Deuteranopia

37.6685, 2.3917, 12.4908



Tritanopia

37.8265, -10.3059, -5.2253

Trichromacy



Original Color

37.8874, -21.7726, 13.3706

Protanomaly

37.4358, -11.3015, 13.9529

Deuteranomaly

37.1350, -7.8119, 12.1177

Tritanomaly

37.6924, -14.9098, 2.7803

Monochromacy



Original Color

37.8874, -21.7726, 13.3706

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

34.9034, -9.6829, 6.0210

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.8874, -21.7726, 13.3706 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(59, 118, 72)` looks like.

```
.text, #text, p{  
    color:rgb(59, 118, 72)  
}
```

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(59, 118, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 118, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 37.8874, -21.7726, 13.3706 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(59, 118, 72) }
```


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

```
.border{ border-color:rgb(59, 118, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 118, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 118, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 118, 72);  
box-shadow:4px 4px 4px 4px rgb(59, 118,  
72) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.8874, -21.7726, 13.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 118, 72) }
```

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

```
.background{ background-color: rgb(59, 118,  
72) }
```

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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