

Converting Colors

HunterLab(37.7069, -21.5299,
18.1130)

Have a look what the booklet for
HunterLab(37.7069, -21.5299,
18.1130) contains.

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Color

**HunterLab(37.7069,
-21.5299, 18.1130)**

Conversions

Conversions Part 1

Format	Color
Hex	457532
RGB	69, 117, 50
RGB Percent	27%, 46%, 20%
CMY	0.7294, 0.5412, 0.8039
CMYK	0.41, 0.00, 0.57, 0.54
HSL	103°, 40%, 33%
HSV	103°, 57%, 46%
XYZ	9.3913, 14.2181, 5.2670
YIQ	95.0100, -7.1010, -31.0130

Conversions

Conversions Part 2

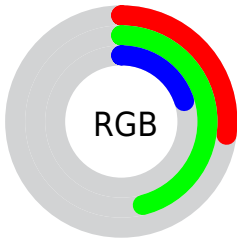
Format	Color
RYB	50, 117, 98
Decimal	4551986
CIELab	44.54, -29.81, 31.51
CIELCh	45, 43.382, 133.413
Yxy	14.2187, 0.3252, 0.4924
Android (android.graphics.Color)	4282742066 (0xFF457532)
YUV	95.0100, -22.1899, -22.8108
Hunter-Lab	37.7069, -21.5299, 18.1130

Details


The HunterLab color $[37.7069, -21.5299, 18.1130]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[24.8248, 24.0687, -24.4784]$, and the grayscale version is $[33.9146, -1.8096, 1.8426]$.

A 20% lighter version of the original color is $[57.9865, -26.5965, 23.4504]$, and $[20.6344, -16.1339, 12.2674]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.2090, -23.7764, 19.5490]$, and if you desaturate by 10%, it is $[38.2903, -18.9244, 16.2723]$.

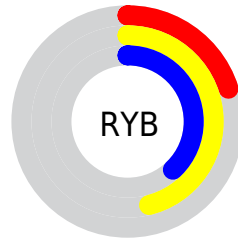
Distribution



 Red (27%)

 Green (46%)

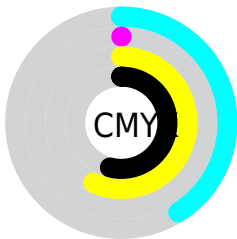
 Blue (20%)




 Red (20%)

 Yellow (46%)

 Blue (38%)

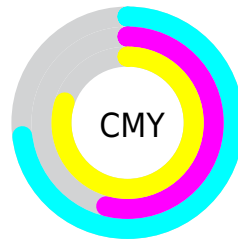


 Cyan (41%)


 Magenta (0%)

 Yellow (57%)

 Black (54%)



 Cyan (73%)

 Magenta (54%)

 Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.7069, -21.5299, 18.1130 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 37.7069, -21.5299, 18.1130 by changing the saturation by 10% instead.

37.7069, -21.5299,
18.1130

37.7069, -21.5299,
18.1130

147.8470,
-40.9070, 38.7622

28.7627, -18.9535,
15.3032

57.8590, -26.2704,
23.2440

20.6642, -16.1596,
12.2974

68.9619, -28.5008,
25.6385

13.5121, -13.0429,
9.4585

80.6963, -30.6664,
27.9515

7.0934, -12.4134,
4.9653

93.0297, -32.7810,
30.1998

0.0000, NaN, NaN

0.0000, NaN, NaN

105.9343,
-34.8552, 32.3962

0.0000, NaN, NaN

119.3860,

0.0000, NaN, NaN

-36.8969, 34.5504

0.0000, NaN, NaN

133.3632,
-38.9125, 36.6703

■ 37.7069, -21.5299,
18.1130

■ 37.7069, -21.5299,
18.1130

■ 37.2090, -23.7764,
19.5490

■ 38.2903, -18.9244,
16.2723

■ 36.7924, -25.6561,
20.5899

■ 38.9575, -15.9704,
14.0259

■ 36.4549, -27.1731,
21.2586

■ 39.7092, -12.6871,
11.3823

■ 36.1881, -28.3657,
21.6518

■ 40.5444, -9.0967,
8.3562

■ 36.1240, -28.6552,
21.7578

■ 41.4615, -5.2247,
4.9675

■ 42.4584, -1.0976,
1.2393

■ 43.5325, 3.2576,
-2.8030

■ 44.6812, 7.8145,
-7.1332

■ 45.9013, 12.5478,
-11.7250

Harmonies

Analogous

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



37.7077, -9.1330, 21.2483



37.7069, -21.5299, 18.1130



37.7077, -27.9779, 9.7293

Triad

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



37.7077, -21.5306, 18.1133



37.7077, -10.6965, -40.1572



37.7077, 34.3087, 8.4357

Complementary

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



37.7069, -21.5299, 18.1130



24.8248, 24.0687, -24.4784

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.



37.7077, 33.6926, -7.6801



37.7069, -21.5299, 18.1130



37.7077, 5.6757, -41.0116

Square

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



37.7077, -21.5306, 18.1133



37.7077, -22.5039, -25.3296



37.7077, 22.5125, -27.3195



37.7077, 24.0732, 17.5202

Rectangle

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



37.7069, -21.5299, 18.1130



37.7077, -28.8692, 0.2008



37.7077, 22.5125, -27.3195



37.7077, 35.4108, 3.8149

Sweetspot

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



37.7077, -21.5306, 18.1133



54.2337, -12.2602, 11.2570



35.4172, -0.6042, 16.7613



25.9218, -6.2329, 5.7011



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.



37.7077, -21.5306, 18.1133



49.5824, -32.7571, 26.7085



37.1009, -23.6195, 14.8382



20.3565, -2.9237, 2.7577



37.9074, -30.1177, 22.8311



83.4526, -67.4515, 50.2422

Inverse Universe

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



24.8248, 24.0687, -24.4784



29.2972, 39.8850, -42.2384



26.5610, 27.1446, -12.1569



19.2569, 0.8781, -0.7121



18.6409, 39.5142, -46.7989



40.6010, 86.5143, -105.4213

Previews

White Background



This preview shows how the HunterLab color 37.7069, -21.5299, 18.1130 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 37.7069, -21.5299, 18.1130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

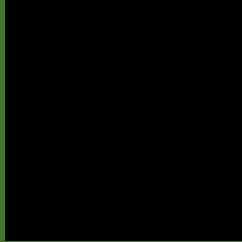
Any Text WCAG AA ✗ Fail

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 37.7069, -21.5299, 18.1130 Background



This preview shows how black text looks on a background with the HunterLab color 37.7069, -21.5299, 18.1130.



This preview shows how white text looks on a background with the HunterLab color 37.7069,

-21.5299, 18.1130.

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

37.7069, -21.5299, 18.1130

Protanopia

37.5264, -4.4016, 18.9627

Deuteranopia

37.4931, 2.4678, 17.4305



Tritanopia

37.7268, -7.8303, -4.3181

Trichromacy



Original Color

37.7069, -21.5299, 18.1130

Protanomaly

37.2181, -11.2370, 18.4527

Deuteranomaly

37.0012, -7.5374, 17.2710

Tritanomaly

37.6778, -13.8893, 6.3098

Monochromacy



Original Color

37.7069, -21.5299, 18.1130

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

34.9906, -9.7135, 8.8569

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.7069, -21.5299, 18.1130 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(69, 117, 50)` looks like.

```
.text, #text, p{  
    color:rgb(69, 117, 50)  
}
```

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(69, 117, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 117, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 37.7069, -21.5299, 18.1130 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(69, 117, 50) }
```


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

```
.border{ border-color:rgb(69, 117, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 117, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 117, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 117, 50);  
box-shadow:4px 4px 4px 4px rgb(69, 117,  
50) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.7069, -21.5299, 18.1130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 117, 50) }
```

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

```
.background{ background-color: rgb(69, 117,  
50) }
```

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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