

Converting Colors

HunterLab(37.4112, -20.4542,
12.7049)

Have a look what the booklet for
HunterLab(37.4112, -20.4542,
12.7049) contains.

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Color

**HunterLab(37.4112,
-20.4542, 12.7049)**

Conversions

Conversions Part 1

Format	Color
Hex	3E7449
RGB	62, 116, 73
RGB Percent	24%, 45%, 29%
CMY	0.7569, 0.5451, 0.7137
CMYK	0.47, 0.00, 0.37, 0.55
HSL	132°, 30%, 35%
HSV	132°, 47%, 45%
XYZ	9.4346, 13.9960, 8.5076
YIQ	94.9520, -18.3810, -24.8210

Conversions

Conversions Part 2

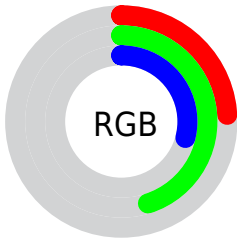
Format	Color
RYB	62, 107, 116
Decimal	4093001
CIELab	44.23, -28.09, 18.34
CIELCh	44, 33.548, 146.865
Yxy	13.9966, 0.2954, 0.4382
Android (android.graphics.Color)	4282283081 (0xFF3E7449)
YUV	94.9520, -10.8223, -28.8989
Hunter-Lab	37.4112, -20.4542, 12.7049

Details


The HunterLab color $37.4112, -20.4542, 12.7049$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $28.5981, 21.5790, -9.7092$, and the grayscale version is $33.8551, -1.8064, 1.8394$.

A 20% lighter version of the original color is $57.3769, -24.7327, 15.8961$, and $20.3710, -15.3475, 9.0863$ is the 20% darker color. If you saturate the color by 10%, you get $36.8065, -23.1908, 14.5171$, and if you desaturate by 10%, it is $38.1369, -17.2611, 10.7132$.

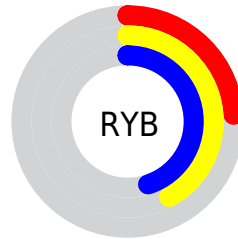
Distribution



 Red (24%)

 Green (45%)

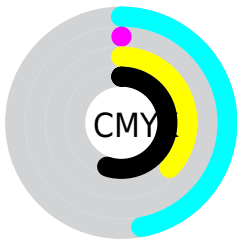
 Blue (29%)




 Red (24%)

 Yellow (42%)

 Blue (45%)

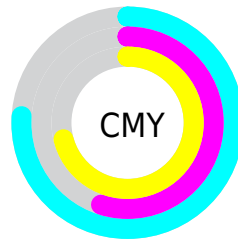


 Cyan (47%)


 Magenta (0%)

 Yellow (37%)

 Black (55%)



 Cyan (76%)

 Magenta (55%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4112, -20.4542, 12.7049 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 37.4112, -20.4542, 12.7049 by changing the saturation by 10% instead.

37.4112, -20.4542,
12.7049

37.4112, -20.4542,
12.7049

147.3803,
-39.0242, 26.8336

28.4926, -18.0034,
10.9362

57.5178, -24.9749,
16.0274

20.4223, -15.3503,
9.0478

68.6001, -27.1072,
17.6217

13.3023, -12.3922,
7.3818

80.3150, -29.1807,
19.1884

6.8415, -11.9727,
4.7891

92.6298, -31.2083,
20.7357

0.0000, NaN, NaN

0.0000, NaN, NaN

105.5168,
-33.1997, 22.2697

0.0000, NaN, NaN

118.9514,

0.0000, NaN, NaN

-35.1625, 23.7951

0.0000, NaN, NaN

132.9123,
-37.1024, 25.3155

■ 37.4112, -20.4542,
12.7049

■ 37.4112, -20.4542,
12.7049

■ 36.8065, -23.1908,
14.5171

■ 38.1369, -17.2611,
10.7132

■ 36.3182, -25.4510,
16.1296

■ 38.9816, -13.6386,
8.5634

■ 35.9427, -27.2311,
17.5274

■ 39.9447, -9.6242,
6.2799

■ 35.6731, -28.5433,
18.7009

■ 41.0237, -5.2591,
3.8868

■ 35.4900, -29.4584,
19.6395

■ 42.2149, -0.5869,
1.4073

■ 35.4341, -29.7357,
19.9014

■ 43.5139, 4.3496,
-1.1371

■ 44.9158, 9.5092,
-3.7272

■ 46.4154, 14.8545,
-6.3466

■ 48.0072, 20.3517,
-8.9814

Harmonies

Analogous

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



37.4120, -12.4814, 17.4784



37.4112, -20.4542, 12.7049



37.4120, -23.5348, 3.2941

Triad

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



37.4120, -20.4548, 12.7052



37.4120, -3.3345, -29.6878



37.4120, 22.5814, 11.1453

Complementary

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



37.4112, -20.4542, 12.7049



28.5981, 21.5790, -9.7092

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.



37.4120, 25.8794, 0.7335



37.4112, -20.4542, 12.7049



37.4120, 9.7837, -25.4421

Square

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



37.4120, -20.4548, 12.7052



37.4120, -14.5213, -23.3467



37.4120, 20.9181, -13.1516



37.4120, 12.4251, 16.8135

Rectangle

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



37.4112, -20.4542, 12.7049



37.4120, -22.7551, -5.4112



37.4120, 20.9181, -13.1516



37.4120, 24.5834, 8.2110

Sweetspot

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



37.4120, -20.4548, 12.7052



53.2600, -11.5259, 7.6401



39.8179, -11.5619, 17.5468



25.8964, -6.1100, 3.9985



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.



37.4120, -20.4548, 12.7052



48.7359, -31.0311, 19.4428



37.9892, -17.0365, 4.3720



20.2714, -3.1734, 2.2352



37.5332, -31.5199, 21.1291



82.7933, -69.9682, 47.5569

Inverse Universe

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



28.5981, 21.5790, -9.7092



34.8537, 35.6673, -15.8246



27.7696, 17.6610, 1.9507



19.3540, 1.1426, -0.0957



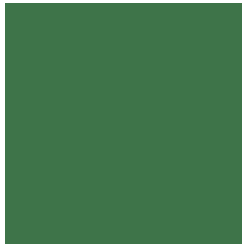
22.4469, 42.3248, -15.6015



49.4255, 92.9849, -32.7297

Previews

White Background



This preview shows how the HunterLab color 37.4112, -20.4542, 12.7049 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 37.4112, -20.4542, 12.7049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

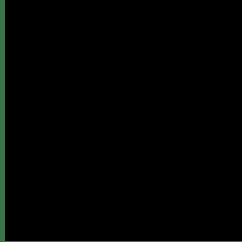
Any Text WCAG AA × Fail

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 37.4112, -20.4542, 12.7049 Background



This preview shows how black text looks on a background with the HunterLab color 37.4112, -20.4542, 12.7049.



This preview shows how white text looks on a background with the HunterLab color 37.4112,

-20.4542, 12.7049.

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

37.4112, -20.4542, 12.7049

Protanopia

37.1870, -3.6182, 14.1317

Deuteranopia

37.2305, 2.2811, 11.7999



Tritanopia

37.2310, -9.6439, -5.0206

Trichromacy



Original Color

37.4112, -20.4542, 12.7049

Protanomaly

36.8063, -10.6559, 13.1594

Deuteranomaly

36.8735, -7.2836, 11.5996

Tritanomaly

37.1168, -14.0914, 2.5448

Monochromacy



Original Color

37.4112, -20.4542, 12.7049

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

34.9680, -9.4438, 6.0933

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4112, -20.4542, 12.7049 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(62, 116, 73)` looks like.

```
.text, #text, p{  
    color:rgb(62, 116, 73)  
}
```

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(62, 116, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 116, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4112, -20.4542, 12.7049 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(62, 116, 73) }
```


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

```
.border{ border-color:rgb(62, 116, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 116, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 116, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 116, 73);  
box-shadow:4px 4px 4px 4px rgb(62, 116,  
73) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4112, -20.4542, 12.7049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 116, 73) }
```

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

```
.background{ background-color: rgb(62, 116,  
73) }
```

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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