

Converting Colors

HunterLab(37.1774, -13.5884,
-1.8686)

Have a look what the booklet for
HunterLab(37.1774, -13.5884,
-1.8686) contains.

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Color

**HunterLab(37.1246,
-13.4949, -1.8419)**

Conversions

Conversions Part 1

Format	Color
Hex	3E7070
RGB	62, 112, 112
RGB Percent	24%, 44%, 44%
CMY	0.7569, 0.5608, 0.5608
CMYK	0.45, 0.00, 0.00, 0.56
HSL	180°, 29%, 34%
HSV	180°, 45%, 44%
XYZ	10.7054, 13.7824, 17.4253
YIQ	97.0500, -29.8000, -10.6000

Conversions

Conversions Part 2

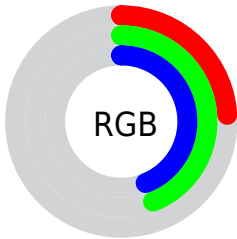
Format	Color
R_{YB}	62, 87, 112
Decimal	4092016
CIE _{Lab}	43.92, -16.81, -5.28
CIE _{LCh}	44, 17.614, 197.428
Yxy	13.7829, 0.2554, 0.3288
Android (android.graphics.Color)	4282282096 (0xFF3E7070)
YUV	97.0500, 7.3704, -30.7388
Hunter-Lab	37.1246, -13.4949, -1.8419

Details

The HunterLab color $[37.1246, -13.4949, -1.8419]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[26.9040, 14.4531, 6.7865]$, and the grayscale version is $[34.5751, -1.8448, 1.8785]$.

A 20% lighter version of the original color is $[57.2206, -16.5759, -1.4233]$, and $[20.1883, -10.2728, -1.9851]$ is the 20% darker color. If you saturate the color by 10%, you get $[36.6843, -15.1772, -2.4368]$, and if you desaturate by 10%, it is $[37.6604, -11.4837, -1.1287]$.

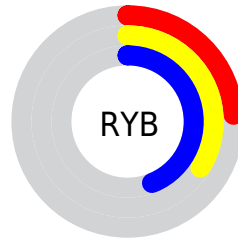
Distribution



Red (24%)

Green (44%)

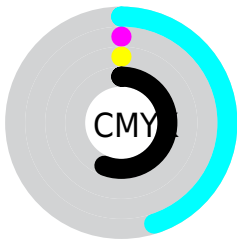
Blue (44%)



Red (24%)

Yellow (34%)

Blue (44%)

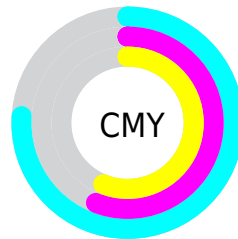


Cyan (45%)

Magenta (0%)

Yellow (0%)

Black (56%)



Cyan (76%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.1246, -13.4949, -1.8419 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 37.1246, -13.4949, -1.8419 by changing the saturation by 10% instead.

■ 37.1246, -13.4949,
-1.8419

■ 37.1246, -13.4949,
-1.8419

■ 146.9272,
-26.7940, 2.0708

■ 28.2309, -11.8764,
-2.0241

■ 57.1868, -16.5723,
-1.2918

■ 20.1882, -10.1655,
-2.1334

■ 68.2491, -18.0632,
-0.9375

■ 13.0995, -8.3048,
-2.1557

■ 79.9450, -19.5355,
-0.5362

■ 6.5876, -11.4679,
-2.9609

■ 92.2418, -20.9956,
-0.0915

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.1115,
-22.4482, 0.3938

0.0000, NaN, NaN

■ 118.5296,

0.0000, NaN, NaN

-23.8971, 0.9173

0.0000, NaN, NaN

132.4746,
-25.3450, 1.4769

■ 37.1246, -13.4949,
-1.8419

■ 37.1246, -13.4949,
-1.8419

■ 36.6843, -15.1772,
-2.4368

■ 37.6604, -11.4837,
-1.1287

■ 36.3344, -16.5276,
-2.9145

■ 38.2912, -9.1519,
-0.3018

■ 36.0711, -17.5532,
-3.2771

■ 39.0180, -6.5153,
0.6342

■ 35.8883, -18.2704,
-3.5305

■ 39.8401, -3.5941,
1.6725

■ 35.7734, -18.7231,
-3.6904

■ 40.7560, -0.4116,
2.8052

■ 35.7193, -18.9372,
-3.7660

■ 41.7634, 3.0072,
4.0236

■ 42.8595, 6.6364,
5.3190

■ 44.0409, 10.4506,
6.6825

■ 45.3041, 14.4255,
8.1059

Harmonies

Analogous

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



37.1253, -13.7418, 4.5913



37.1246, -13.4949, -1.8419



37.1253, -10.3048, -8.1876

Triad

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



37.1253, -13.4952, -1.8414



37.1253, 7.9917, -7.2656



37.1253, 0.8639, 12.1049

Complementary

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



37.1246, -13.4949, -1.8419



26.9040, 14.4531, 6.7865

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.



37.1253, 7.1434, 9.9624



37.1246, -13.4949, -1.8419



37.1253, 11.4504, -0.7477

Square

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



37.1253, -13.4952, -1.8414



37.1253, 1.9561, -11.6807



37.1253, 11.1294, 5.5081



37.1253, -5.7642, 11.9173

Rectangle

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



37.1246, -13.4949, -1.8419



37.1253, -6.8010, -11.1743



37.1253, 11.1294, 5.5081



37.1253, 3.0941, 11.6518

Sweetspot

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



37.1253, -13.4952, -1.8414



51.8491, -8.1524, 1.0122



36.0389, -19.9602, 14.3593



25.3231, -4.3213, 0.3805



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



37.1253, -13.4952, -1.8414



48.5813, -20.2699, -3.2842



30.2433, -3.4203, -11.4772



19.5325, -2.4255, 0.5977



38.4047, -20.3610, -4.0491



85.7161, -45.4440, -9.0371

Inverse Universe

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



26.9040, 14.4531, 6.7865



32.3311, 24.8374, 10.6585



32.3656, 3.4377, 11.6544



18.4432, 0.4809, 1.4930



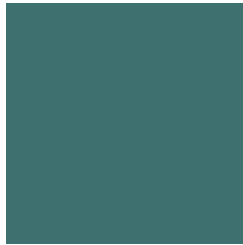
19.9558, 34.1750, 12.8947



44.5397, 76.2757, 28.7803

Previews

White Background



This preview shows how the HunterLab color 37.1246, -13.4949, -1.8419 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 37.1246, -13.4949, -1.8419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

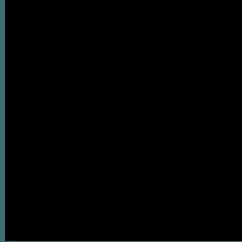
Any Text WCAG AA × Fail

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 37.1246, -13.4949, -1.8419 Background



This preview shows how black text looks on a background with the HunterLab color 37.1246, -13.4949, -1.8419.



This preview shows how white text looks on a background with the HunterLab color 37.1246,

-13.4949, -1.8419.

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

37.1246, -13.4949, -1.8419

Protanopia

36.9921, -1.2312, 0.9179

Deuteranopia

37.0276, 2.0908, -2.6382



Tritanopia

37.1684, -11.3103, -5.6400

Trichromacy



Original Color

37.1246, -13.4949, -1.8419

Protanomaly

36.7622, -6.1617, -0.3365

Deuteranomaly

36.7689, -4.4074, -2.6121

Tritanomaly

37.0270, -12.0325, -4.3434

Monochromacy



Original Color

37.1246, -13.4949, -1.8419

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

35.1381, -6.5987, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.1246, -13.4949, -1.8419 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, 112, 112)` looks like.

```
.text, #text, p{  
    color:rgb(62, 112, 112)  
}
```

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, 112, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 112, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 37.1246, -13.4949, -1.8419 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, 112, 112) }
```


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

```
.border{ border-color:rgb(62, 112, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 112, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 112, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 112, 112);  
box-shadow:4px 4px 4px 4px rgb(62, 112,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.1246, -13.4949, -1.8419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 112, 112) }
```

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

```
.background{ background-color: rgb(62, 112,  
112) }
```

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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