

Converting Colors

HunterLab(37.5080, -12.9933,
3.5826)

Have a look what the booklet for
HunterLab(37.5080, -12.9933,
3.5826) contains.

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Color

**HunterLab(37.4483,
-12.8889, 3.3570)**

Conversions

Conversions Part 1

Format	Color
Hex	4B7065
RGB	75, 112, 101
RGB Percent	29%, 44%, 40%
CMY	0.7059, 0.5608, 0.6039
CMYK	0.33, 0.00, 0.10, 0.56
HSL	162°, 20%, 37%
HSV	162°, 33%, 44%
XYZ	11.0448, 14.0238, 14.4366
YIQ	99.6830, -18.5210, -11.2650

Conversions

Conversions Part 2

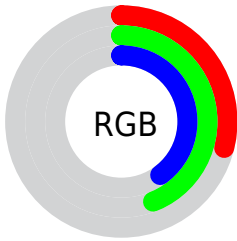
Format	Color
RYB	75, 97, 112
Decimal	4943973
CIELab	44.27, -15.78, 1.93
CIElCh	44, 15.897, 173.044
Yxy	14.0243, 0.2796, 0.3550
Android (android.graphics.Color)	4283134053 (0xFF4B7065)
YUV	99.6830, 0.6493, -21.6470
Hunter-Lab	37.4483, -12.8889, 3.3570

Details

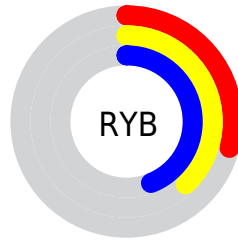
The HunterLab color $[37.4483, -12.8889, 3.3570]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[30.2475, 11.2633, 1.5771]$, and the grayscale version is $[35.5826, -1.8986, 1.9333]$.

A 20% lighter version of the original color is $[57.6003, -15.8881, 4.6377]$, and $[20.4451, -9.7776, 2.3060]$ is the 20% darker color. If you saturate the color by 10%, you get $[36.8073, -15.5051, 3.9266]$, and if you desaturate by 10%, it is $[38.1877, -9.9601, 2.8858]$.

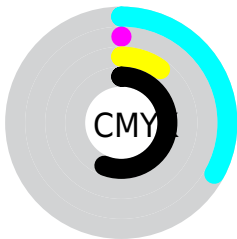
Distribution



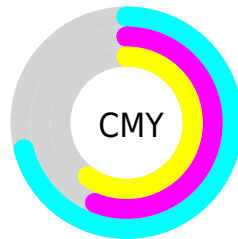
- Red (29%)
- Green (44%)
- Blue (40%)



- Red (29%)
- Yellow (38%)
- Blue (44%)



- Cyan (33%)
- Magenta (0%)
- Yellow (10%)
- Black (56%)



- Cyan (71%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4483, -12.8889, 3.3570 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 37.4483, -12.8889, 3.3570 by changing the saturation by 10% instead.

■ 37.4483, -12.8889,
3.3570

■ 37.4483, -12.8889,
3.3570

147.4388,
-25.7156, 10.1316

■ 28.5265, -11.3464,
2.7530

■ 57.5606, -15.8363,
4.6625

■ 20.4527, -9.7222,
2.1815

■ 68.6455, -17.2695,
5.3609

■ 13.3286, -7.9647,
1.6431

■ 80.3628, -18.6879,
6.0884

■ 6.8737, -10.3706,
1.5352

■ 92.6800, -20.0972,
6.8441

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.5692,
-21.5017, 7.6271

0.0000, NaN, NaN

119.0059,

0.0000, NaN, NaN

-22.9047, 8.4366

0.0000, NaN, NaN

132.9689,
-24.3087, 9.2716

■ 37.4483, -12.8889,
3.3570

■ 37.4483, -12.8889,
3.3570

■ 36.8073, -15.5051,
3.9266

■ 38.1877, -9.9601,
2.8858

■ 36.2618, -17.7899,
4.5869

■ 39.0229, -6.7397,
2.5153

■ 35.8107, -19.7332,
5.3301

■ 39.9529, -3.2543,
2.2479

■ 35.4502, -21.3333,
6.1453

■ 40.9756, 0.4684,
2.0832

■ 35.1751, -22.5988,
7.0198

■ 42.0880, 4.4000,
2.0195

■ 34.9765, -23.5557,
7.9372

■ 43.2869, 8.5129,
2.0537

■ 34.8554, -24.1511,
8.5690

■ 44.5685, 12.7810,
2.1816

■ 45.9290, 17.1804,
2.3984

■ 47.3645, 21.6893,
2.6988

Harmonies

Analogous

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



37.4491, -10.8726, 8.1145



37.4483, -12.8889, 3.3570



37.4491, -12.1405, -2.5701

Triad

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



37.4491, -12.8894, 3.3575



37.4491, 2.6758, -9.6768



37.4491, 5.2735, 9.8653

Complementary

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



37.4483, -12.8889, 3.3570



30.2475, 11.2633, 1.5771

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.



37.4491, 9.3490, 6.1269



37.4483, -12.8889, 3.3570



37.4491, 7.7838, -5.2647

Square

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



37.4491, -12.8894, 3.3575



37.4491, -3.4024, -10.7330



37.4491, 10.2957, 0.6696



37.4491, -0.5771, 11.4646

Rectangle

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



37.4483, -12.8889, 3.3570



37.4491, -10.1492, -6.3535



37.4491, 10.2957, 0.6696



37.4491, 6.9113, 8.8487

Sweetspot

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



37.4491, -12.8894, 3.3575



52.0504, -7.6850, 3.2218



37.5234, -13.7595, 12.3626



25.4485, -4.0082, 1.6001



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.



37.4491, -12.8894, 3.3575



48.9433, -19.8956, 5.0444



35.6203, -8.0262, -3.7080



19.4913, -2.6545, 1.1852



37.4705, -26.0002, 9.2921



83.5370, -58.6052, 22.0978

Inverse Universe

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



30.2475, 11.2633, 1.5771



37.2983, 19.3784, 2.2928



31.6989, 6.4695, 7.1950



18.4833, 0.6973, 0.9202



20.2670, 35.3253, 8.3093



45.0845, 78.2916, 20.7374

Previews

White Background



This preview shows how the HunterLab color 37.4483, -12.8889, 3.3570 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 37.4483, -12.8889, 3.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

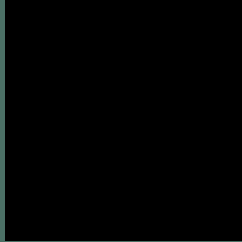
Any Text WCAG AA × Fail

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 37.4483, -12.8889, 3.3570 Background



This preview shows how black text looks on a background with the HunterLab color 37.4483, -12.8889, 3.3570.



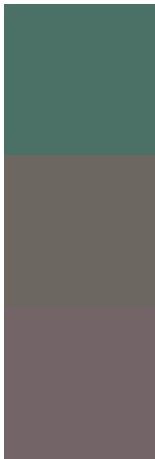
This preview shows how white text looks on a background with the HunterLab color 37.4483,

-12.8889, 3.3570.

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

37.4483, -12.8889, 3.3570

Protanopia

37.3522, -1.8444, 5.0325

Deuteranopia

37.3249, 2.4571, 2.6591



Tritanopia

37.2928, -8.0017, -4.4097

Trichromacy



Original Color

37.4483, -12.8889, 3.3570

Protanomaly

37.2613, -6.3504, 4.4623

Deuteranomaly

37.1104, -3.8305, 2.7169

Tritanomaly

37.3382, -9.6837, -1.5035

Monochromacy



Original Color

37.4483, -12.8889, 3.3570

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

36.1177, -6.0499, 2.3578

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4483, -12.8889, 3.3570 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(75, 112, 101)` looks like.

```
.text, #text, p{  
    color:rgb(75, 112, 101)  
}
```

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(75, 112, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 112, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4483, -12.8889, 3.3570 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(75, 112, 101) }
```


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

```
.border{ border-color:rgb(75, 112, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 112, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 112, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 112, 101);  
box-shadow:4px 4px 4px 4px rgb(75, 112,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4483, -12.8889, 3.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 112, 101) }
```

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

```
.background{ background-color: rgb(75, 112,  
101) }
```

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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