

Converting Colors

HunterLab(37.9820, -12.1787,
13.3829)

Have a look what the booklet for
HunterLab(37.9820, -12.1787,
13.3829) contains.

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Color

**HunterLab(37.9428,
-12.2470, 13.3161)**

Conversions

Conversions Part 1

Format	Color
Hex	5D7049
RGB	93, 112, 73
RGB Percent	36%, 44%, 29%
CMY	0.6353, 0.5608, 0.7137
CMYK	0.17, 0.00, 0.35, 0.56
HSL	89°, 21%, 36%
HSV	89°, 35%, 44%
XYZ	11.5110, 14.3966, 8.4754
YIQ	101.8730, 1.1950, -16.1570

Conversions

Conversions Part 2

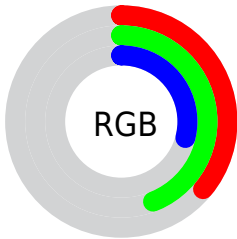
Format	Color
RYB	73, 112, 92
Decimal	6123593
CIELab	44.80, -14.68, 19.43
CIELCh	45, 24.348, 127.069
Yxy	14.3972, 0.3348, 0.4187
Android (android.graphics.Color)	4284313673 (0xFF5D7049)
YUV	101.8730, -14.2344, -7.7816
Hunter-Lab	37.9428, -12.2470, 13.3161

Details

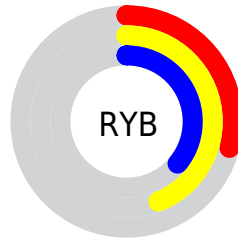
The HunterLab color $[37.9428, -12.2470, 13.3161]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[28.6542, 10.4140, -13.8813]$, and the grayscale version is $[36.4556, -1.9452, 1.9807]$.

A 20% lighter version of the original color is $[58.2111, -15.1206, 16.8511]$, and $[20.8122, -9.2357, 9.5330]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.3993, -14.6663, 15.6088]$, and if you desaturate by 10%, it is $[38.5414, -9.6056, 10.6143]$.

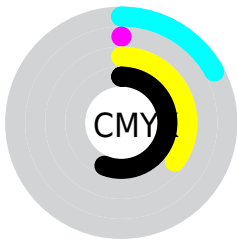
Distribution



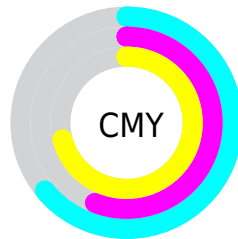
- Red (36%)
- Green (44%)
- Blue (29%)



- Red (29%)
- Yellow (44%)
- Blue (36%)



- Cyan (17%)
- Magenta (0%)
- Yellow (35%)
- Black (56%)



- Cyan (64%)
- Magenta (56%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.9428, -12.2470, 13.3161 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 37.9428, -12.2470, 13.3161 by changing the saturation by 10% instead.

■ 37.9428, -12.2470,
13.3161

■ 37.9428, -12.2470,
13.3161

148.2187,
-24.5685, 27.9542

■ 28.9783, -10.7862,
11.4691

■ 58.1310, -15.0552,
16.7769

■ 20.8574, -9.2550,
9.4942

■ 69.2504, -16.4268,
18.4331

■ 13.6798, -7.6088,
7.7319

■ 81.0002, -17.7875,
20.0580

■ 7.2876, -9.1647,
5.1013

■ 93.3483, -19.1426,
21.6604

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.2670,
-20.4957, 23.2467

0.0000, NaN, NaN

119.7322,

0.0000, NaN, NaN

-21.8496, 24.8220

0.0000, NaN, NaN

133.7224,
-23.2067, 26.3902

■ 37.9428, -12.2470,
13.3161

■ 37.9428, -12.2470,
13.3161

■ 37.3993, -14.6663,
15.6088

■ 38.5414, -9.6056,
10.6143

■ 36.9082, -16.8528,
17.4902

■ 39.1924, -6.7493,
7.5086

■ 36.4699, -18.8026,
18.9660

■ 39.8961, -3.6910,
4.0102

■ 36.0831, -20.5144,
20.0492

■ 40.6515, -0.4435,
0.1334

■ 35.7461, -21.9915,
20.7620

■ 41.4578, 2.9793,
-4.1052

■ 35.4548, -23.2524,
21.1615

■ 42.3137, 6.5637,
-8.6868

■ 35.3151, -23.8594,
21.3433

■ 43.2177, 10.2956,
-13.5916

■ 44.1684, 14.1616,
-18.7993

■ 45.1643, 18.1486,
-24.2895

Harmonies

Analogous

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



37.9436, -4.2097, 15.3998



37.9428, -12.2470, 13.3161



37.9436, -17.1781, 8.1320

Triad

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



37.9436, -12.2479, 13.3165



37.9436, -8.7675, -17.2571



37.9436, 17.4723, 4.1065

Complementary

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



37.9428, -12.2470, 13.3161



28.6542, 10.4140, -13.8813

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.



37.9436, 15.9529, -5.2049



37.9428, -12.2470, 13.3161



37.9436, 0.2070, -19.0782

Square

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



37.9436, -12.2479, 13.3165



37.9436, -15.3084, -9.7311



37.9436, 9.4061, -14.2339



37.9436, 13.3779, 10.9808

Rectangle

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



37.9428, -12.2470, 13.3161



37.9436, -18.3349, 2.9278



37.9436, 9.4061, -14.2339



37.9436, 17.6071, 1.1823

Sweetspot

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



37.9436, -12.2479, 13.3165



52.3620, -7.1293, 7.9010



33.9921, 1.9499, 9.9851



25.6157, -3.7093, 4.1173



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.



37.9436, -12.2479, 13.3165



49.6879, -18.9084, 20.2037



36.7587, -16.7664, 12.1898



19.5945, -2.4709, 2.7314



37.9520, -25.7270, 22.9355



84.4010, -58.6729, 50.9803

Inverse Universe

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



28.6542, 10.4140, -13.8813



34.6748, 17.9635, -24.3659



30.5575, 16.0811, -10.6337



18.3651, 0.4980, -0.7949



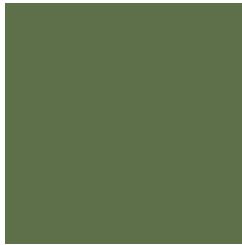
15.0459, 34.7550, -59.9541



32.8130, 76.7242, -137.9497

Previews

White Background



This preview shows how the HunterLab color 37.9428, -12.2470, 13.3161 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 37.9428, -12.2470, 13.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

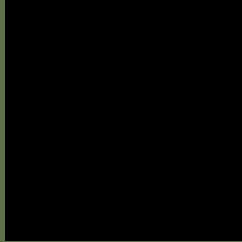
Any Text WCAG AA × Fail

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 37.9428, -12.2470, 13.3161 Background



This preview shows how black text looks on a background with the HunterLab color 37.9428, -12.2470, 13.3161.



This preview shows how white text looks on a background with the HunterLab color 37.9428,

-12.2470, 13.3161.

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

37.9428, -12.2470, 13.3161

Protanopia

37.9409, -3.6842, 14.2597

Deuteranopia

37.7505, 2.6305, 12.8530



Tritanopia

37.9550, -2.9421, -2.0007

Trichromacy



Original Color

37.9428, -12.2470, 13.3161

Protanomaly

37.8231, -6.8999, 13.8410

Deuteranomaly

37.6497, -3.1765, 12.9416

Tritanomaly

37.9457, -6.6694, 4.4268

Monochromacy



Original Color

37.9428, -12.2470, 13.3161

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

37.0352, -6.0688, 6.8696

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.9428, -12.2470, 13.3161 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(93, 112, 73)` looks like.

```
.text, #text, p{  
    color:rgb(93, 112, 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(93, 112, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 112, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 37.9428, -12.2470, 13.3161 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(93, 112, 73) }
```


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

```
.border{ border-color:rgb(93, 112, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 112, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 112, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 112, 73);  
box-shadow:4px 4px 4px 4px rgb(93, 112,  
73) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.9428, -12.2470, 13.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 112, 73) }
```

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

```
.background{ background-color: rgb(93, 112,  
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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