

Converting Colors

HunterLab(40.3558, -12.5622,
24.5532)

Have a look what the booklet for
HunterLab(40.3558, -12.5622,
24.5532) contains.

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Color

**HunterLab(40.2141,
-12.4297, 24.4774)**

Conversions

Conversions Part 1

Format	Color
Hex	707502
RGB	112, 117, 2
RGB Percent	44%, 46%, 1%
CMY	0.5608, 0.5412, 0.9921
CMYK	0.04, 0.00, 0.98, 0.54
HSL	63°, 97%, 23%
HSV	63°, 98%, 46%
XYZ	13.0544, 16.1717, 2.4909
YIQ	102.3950, 33.9350, -36.8250

Conversions

Conversions Part 2

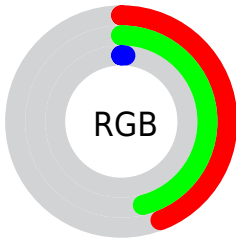
Format	Color
R_{YB}	2, 117, 7
Decimal	7369986
CIE _{Lab}	47.20, -14.44, 52.19
CIE _{LCh}	47, 54.148, 105.464
Yxy	16.1725, 0.4116, 0.5099
Android (android.graphics.Color)	4285560066 (0xFF707502)
YUV	102.3950, -49.4947, 8.4236
Hunter-Lab	40.2141, -12.4297, 24.4774

Details

The HunterLab color $40.2141, -12.4297, 24.4774$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $11.7187, 30.0726, -77.4058$, and the grayscale version is $36.7729, -1.9621, 1.9979$.

A 20% lighter version of the original color is $60.7960, -15.2296, 32.4653$, and $22.8405, -8.7764, 13.9206$ is the 20% darker color. If you saturate the color by 10%, you get $40.2024, -12.4891, 24.5539$, and if you desaturate by 10%, it is $40.2896, -12.0871, 24.0184$.

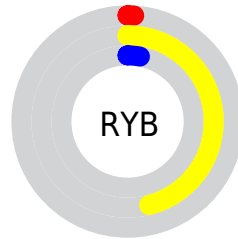
Distribution



Red (44%)

Green (46%)

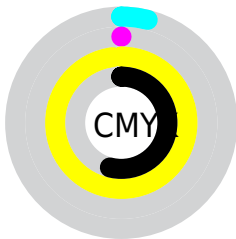
Blue (1%)



Red (1%)

Yellow (46%)

Blue (3%)

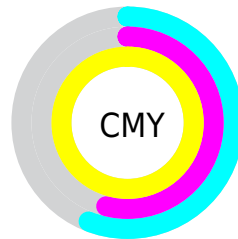


Cyan (4%)

Magenta (0%)

Yellow (98%)

Black (54%)



Cyan (56%)

Magenta (54%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2141, -12.4297, 24.4774 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 40.2141, -12.4297, 24.4774 by changing the saturation by 10% instead.

40.2141, -12.4297,
24.4774

40.2141, -12.4297,
24.4774

151.7753,
-24.6294, 55.6190

31.0585, -10.9981,
20.1460

60.7432, -15.1965,
32.4229

22.7268, -9.5051,
15.9088

72.0173, -16.5521,
36.0991

15.3116, -7.9137,
10.7181

83.9136, -17.8989,
39.6200

8.9279, -7.5233,
6.2496

96.4012, -19.2417,
43.0105

0.0000, NaN, NaN

0.0000, NaN, NaN

109.4533,
-20.5838, 46.2907

0.0000, NaN, NaN

123.0465,

0.0000, NaN, NaN

-21.9278, 49.4769

0.0000, NaN, NaN

137.1600,
-23.2758, 52.5827

40.2141, -12.4297,
24.4774

40.2141, -12.4297,
24.4774

40.2024, -12.4891,
24.5539

40.2896, -12.0871,
24.0184

40.3822, -11.6409,
23.2950

40.5011, -11.0463,
22.1877

40.6489, -10.2895,
20.6599

40.8278, -9.3598,
18.6828

■ 41.0396, -8.2493,
16.2346

■ 41.2859, -6.9523,
13.2995

■ 41.5677, -5.4651,
9.8672

■ 41.8861, -3.7863,
5.9323

Harmonies

Analogous

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



40.2150, 8.5816, 24.5215



40.2141, -12.4297, 24.4774



40.2150, -27.2337, 20.9721

Triad

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



40.2150, -12.4311, 24.4776



40.2150, -26.8897, -36.3242



40.2150, 45.2984, -8.7870

Complementary

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



40.2141, -12.4297, 24.4774



11.7187, 30.0726, -77.4058

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.



40.2150, 31.1558, -35.5150



40.2141, -12.4297, 24.4774



40.2150, -11.8586, -56.1849

Square

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



40.2150, -12.4311, 24.4776



40.2150, -34.3279, -9.5579



40.2150, 9.2850, -55.8297



40.2150, 45.0562, 11.2014

Rectangle

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



40.2141, -12.4297, 24.4774



40.2150, -32.8702, 15.1726



40.2150, 9.2850, -55.8297



40.2150, 41.9591, -17.4277

Sweetspot

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



40.2150, -12.4311, 24.4776



55.1947, -9.5733, 18.4136



19.7822, 32.2524, 12.5815



26.4109, -4.8786, 9.4843



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.



40.2150, -12.4311, 24.4776



53.7819, -16.7656, 32.8466



36.8227, -25.7304, 22.1467



20.6363, -1.9323, 3.0794



42.1954, -13.1166, 25.7710



93.0937, -29.1545, 56.8535

Inverse Universe

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



11.7187, 30.0726, -77.4058



15.3064, 41.2380, -106.5830



15.4790, 34.0820, -54.3325



18.9651, -0.1152, -1.1029



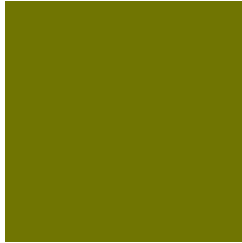
12.0393, 32.3711, -83.3314



26.3935, 71.3259, -185.4723

Previews

White Background



This preview shows how the HunterLab color 40.2141, -12.4297, 24.4774 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 40.2141, -12.4297, 24.4774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

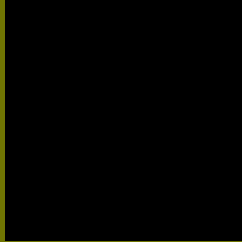
Any Text WCAG AA × Fail

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 40.2141, -12.4297, 24.4774 Background



This preview shows how black text looks on a background with the HunterLab color 40.2141, -12.4297, 24.4774.



This preview shows how white text looks on a background with the HunterLab color 40.2141,

-12.4297, 24.4774.

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

40.2141, -12.4297, 24.4774

Protanopia

40.0299, -5.8478, 24.5639

Deuteranopia

40.0223, 2.4635, 23.7920



Tritanopia

40.2675, 2.3427, 0.0736

Trichromacy



Original Color

40.2141, -12.4297, 24.4774

Protanomaly

40.1270, -8.3545, 24.5374

Deuteranomaly

39.9083, -3.3991, 23.9661

Tritanomaly

39.8475, -5.2260, 14.5578

Monochromacy



Original Color

40.2141, -12.4297, 24.4774

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

37.3804, -7.2297, 14.7317

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2141, -12.4297, 24.4774 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(112, 117, 2)` looks like.

```
.text, #text, p{  
    color:rgb(112, 117, 2)  
}
```

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(112, 117, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 117, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2141, -12.4297, 24.4774 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(112, 117, 2) }
```


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

```
.border{ border-color:rgb(112, 117, 2) }
```

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

Here you see how a box with a 4 pixel rgb(112, 117, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 117, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 117, 2);  
box-shadow:4px 4px 4px 4px rgb(112, 117,  
2) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2141, -12.4297, 24.4774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 117, 2) }
```

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

```
.background{ background-color: rgb(112,  
117, 2) }
```

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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