

Converting Colors

HunterLab(40.8130, -12.1373,
24.8727)

Have a look what the booklet for
HunterLab(40.8130, -12.1373,
24.8727) contains.

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Color

**HunterLab(40.7506,
-11.9182, 24.8181)**

Conversions

Conversions Part 1

Format	Color
Hex	737602
RGB	115, 118, 2
RGB Percent	45%, 46%, 1%
CMY	0.5490, 0.5372, 0.9921
CMYK	0.03, 0.00, 0.98, 0.54
HSL	62°, 97%, 24%
HSV	62°, 98%, 46%
XYZ	13.5596, 16.6061, 2.5481
YIQ	103.8790, 35.4480, -36.7120

Conversions

Conversions Part 2

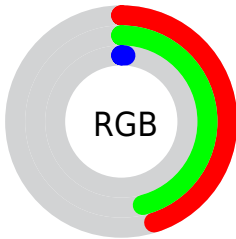
Format	Color
R_{YB}	2, 118, 5
Decimal	7566850
CIE Lab	47.76, -13.57, 52.72
CIE LCh	48, 54.441, 104.432
Yxy	16.6069, 0.4145, 0.5076
Android (android.graphics.Color)	4285756930 (0xFF737602)
YUV	103.8790, -50.2263, 9.7531
Hunter-Lab	40.7506, -11.9182, 24.8181

Details

The HunterLab color **40.7506, -11.9182, 24.8181** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **11.7644, 30.3134, -78.6050**, and the grayscale version is **37.3361, -1.9922, 2.0285**.

A 20% lighter version of the original color is **61.3724, -14.6861, 32.8743**, and **23.3175, -8.3473, 14.2220** is the 20% darker color. If you saturate the color by 10%, you get **40.7418, -11.9666, 24.8954**, and if you desaturate by 10%, it is **40.8098, -11.6374, 24.3494**.

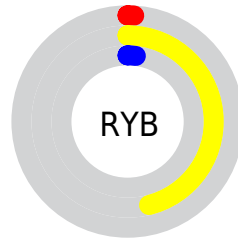
Distribution



Red (45%)

Green (46%)

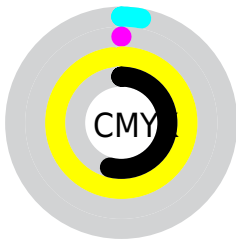
Blue (1%)



Red (1%)

Yellow (46%)

Blue (2%)

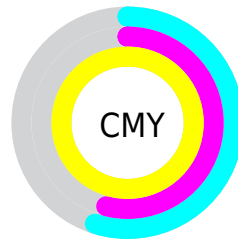


Cyan (3%)

Magenta (0%)

Yellow (98%)

Black (54%)



Cyan (55%)

Magenta (54%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7506, -11.9182, 24.8181 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 40.7506, -11.9182, 24.8181 by changing the saturation by 10% instead.

40.7506, -11.9182,
24.8181

40.7506, -11.9182,
24.8181

152.6095,
-23.7299, 56.1718

31.5509, -10.5483,
20.4589

61.3585, -14.5786,
32.8125

23.1708, -9.1255,
16.2196

72.6683, -15.8869,
36.5133

15.7012, -7.6169,
10.9908

84.5986, -17.1894,
40.0585

9.2692, -6.8738,
6.4884

97.1186, -18.4904,
43.4729

0.0000, NaN, NaN

0.0000, NaN, NaN

110.2016,
-19.7930, 46.7765


0.0000, NaN, NaN


123.8245,


0.0000, NaN, NaN


-21.0992, 49.9856


0.0000, NaN, NaN


 137.9666,
-22.4111, 53.1137


 40.7506, -11.9182,
24.8181


 40.7506, -11.9182,
24.8181


 40.7418, -11.9666,
24.8954

 40.8098, -11.6374,
24.3494

 40.8863, -11.2521,
23.6128

 40.9892, -10.7176,
22.4890

 41.1211, -10.0197,
20.9402

 41.2843, -9.1471,
18.9368

■ 41.4808, -8.0914,
16.4562

■ 41.7120, -6.8465,
13.4819

■ 41.9792, -5.4084,
10.0027

■ 42.2835, -3.7750,
6.0126

Harmonies

Analogous

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



40.7515, 9.4469, 24.7638



40.7506, -11.9182, 24.8181



40.7515, -27.1357, 21.4216

Triad

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



40.7515, -11.9196, 24.8184



40.7515, -27.5615, -35.7260



40.7515, 45.4360, -9.7272

Complementary

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



40.7506, -11.9182, 24.8181



11.7644, 30.3134, -78.6050

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.



40.7515, 30.7601, -36.7245



40.7506, -11.9182, 24.8181



40.7515, -12.6276, -56.2505

Square

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



40.7515, -11.9196, 24.8184



40.7515, -34.8217, -8.7749



40.7515, 8.5776, -56.6887



40.7515, 45.7352, 10.8066

Rectangle

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



40.7506, -11.9182, 24.8181



40.7515, -33.0116, 15.7380



40.7515, 8.5776, -56.6887



40.7515, 41.9043, -18.5120

Sweetspot

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



40.7515, -11.9196, 24.8184



55.2627, -9.3288, 18.4788



19.8538, 32.9150, 12.6379



26.4472, -4.7477, 9.5181



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.



40.7515, -11.9196, 24.8184



54.0144, -15.8986, 33.0051



37.2341, -25.6621, 22.4024



20.6438, -1.9056, 3.0881



42.3742, -12.4501, 25.8928



93.5094, -27.6042, 57.1368

Inverse Universe

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



11.7644, 30.3134, -78.6050



15.2495, 41.1966, -107.0546



15.4072, 34.1482, -55.8686



18.9578, -0.1405, -1.1129



11.9814, 32.3288, -83.8094



26.3394, 71.2870, -185.9232

Previews

White Background



This preview shows how the HunterLab color 40.7506, -11.9182, 24.8181 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 40.7506, -11.9182, 24.8181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

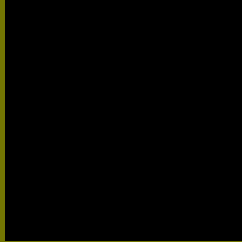
Any Text WCAG AA × Fail

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 40.7506, -11.9182, 24.8181 Background



This preview shows how black text looks on a background with the HunterLab color 40.7506, -11.9182, 24.8181.



This preview shows how white text looks on a background with the HunterLab color 40.7506,

-11.9182, 24.8181.

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

40.7506, -11.9182, 24.8181

Protanopia

40.7723, -6.0349, 25.0181

Deuteranopia

40.7534, 2.2629, 24.3191



Tritanopia

40.8299, 2.9308, 0.3218

Trichromacy



Original Color

40.7506, -11.9182, 24.8181

Protanomaly

40.5889, -8.1226, 24.8266

Deuteranomaly

40.7449, -3.2529, 24.5437

Tritanomaly

40.4044, -4.6372, 14.7824

Monochromacy



Original Color

40.7506, -11.9182, 24.8181

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

38.1191, -7.3970, 15.0999

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7506, -11.9182, 24.8181 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(115, 118, 2)` looks like.

```
.text, #text, p{  
    color:rgb(115, 118, 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(115, 118, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 118, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7506, -11.9182, 24.8181 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(115, 118, 2) }
```


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

```
.border{ border-color:rgb(115, 118, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 118, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 118, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 118, 2);  
box-shadow:4px 4px 4px 4px rgb(115, 118,  
2) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7506, -11.9182, 24.8181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 118, 2) }
```

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

```
.background{ background-color: rgb(115,  
118, 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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