

Converting Colors

HunterLab(40.7381, -11.4740,
21.1396)

Have a look what the booklet for
HunterLab(40.7381, -11.4740,
21.1396) contains.

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Color

**HunterLab(40.7417,
-11.4777, 21.1424)**

Conversions

Conversions Part 1

Format	Color
Hex	70762E
RGB	112, 118, 46
RGB Percent	44%, 46%, 18%
CMY	0.5608, 0.5372, 0.8196
CMYK	0.05, 0.00, 0.61, 0.54
HSL	65°, 44%, 32%
HSV	65°, 61%, 46%
XYZ	13.6537, 16.5989, 5.0690
YIQ	107.9980, 19.5360, -23.6640

Conversions

Conversions Part 2

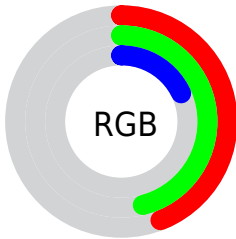
Format	Color
RYB	46, 118, 52
Decimal	7370286
CIELab	47.75, -12.93, 37.97
CIELCh	48, 40.107, 108.801
Yxy	16.5996, 0.3865, 0.4699
Android (android.graphics.Color)	4285560366 (0xFF70762E)
YUV	107.9980, -30.5650, 3.5098
Hunter-Lab	40.7417, -11.4777, 21.1424

Details

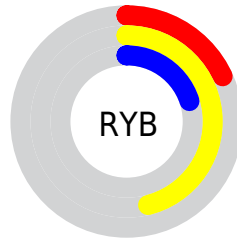
The HunterLab color $40.7417, -11.4777, 21.1424$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $19.9811, 15.6297, -38.2753$, and the grayscale version is $38.8321, -2.0720, 2.1098$.

A 20% lighter version of the original color is $61.2985, -14.2131, 27.0513$, and $23.2475, -8.6128, 14.1742$ is the 20% darker color. If you saturate the color by 10%, you get $40.5645, -12.3394, 22.5453$, and if you desaturate by 10%, it is $40.9521, -10.4454, 19.2942$.

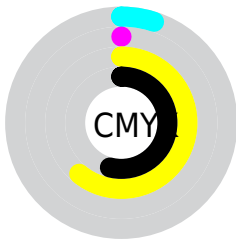
Distribution



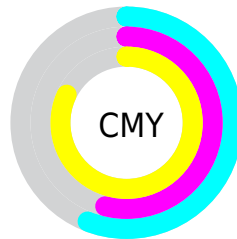
- Red (44%)
- Green (46%)
- Blue (18%)



- Red (18%)
- Yellow (46%)
- Blue (20%)



- Cyan (5%)
- Magenta (0%)
- Yellow (61%)
- Black (54%)



- Cyan (56%)
- Magenta (54%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7417, -11.4777, 21.1424 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 40.7417, -11.4777, 21.1424 by changing the saturation by 10% instead.

40.7417, -11.4777,
21.1424

40.7417, -11.4777,
21.1424

152.5957,
-23.0053, 44.8605

31.5427, -10.1512,
17.8909

61.3483, -14.0615,
27.0850

23.1634, -8.7768,
14.4462

72.6575, -15.3354,
29.8514

15.6947, -7.3239,
10.9863

84.5872, -16.6056,
32.5167

9.2636, -6.5750,
6.4845

97.1066, -17.8759,
35.0998

0.0000, NaN, NaN

0.0000, NaN, NaN

110.1892,
-19.1492, 37.6153

0.0000, NaN, NaN

123.8116,

0.0000, NaN, NaN

-20.4275, 40.0747

0.0000, NaN, NaN

137.9532,
-21.7124, 42.4872

■ 40.7417, -11.4777,
21.1424

■ 40.7417, -11.4777,
21.1424

■ 40.5645, -12.3394,
22.5453

■ 40.9521, -10.4454,
19.2942

■ 40.4155, -13.0377,
23.5321

■ 41.1947, -9.2307,
16.9771

■ 40.2928, -13.5882,
24.1421

■ 41.4721, -7.8294,
14.1751

■ 40.1946, -14.0161,
24.5224

■ 41.7853, -6.2381,
10.8774

■ 42.1354, -4.4555,
7.0785

■ 42.5231, -2.4823,
2.7777

■ 42.9489, -0.3205,
-2.0217

■ 43.4130, 2.0264,
-7.3125

■ 43.9156, 4.5535,
-13.0840

Harmonies

Analogous

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



40.7426, 3.8702, 21.5580



40.7417, -11.4777, 21.1424



40.7426, -22.5402, 16.9893

Triad

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



40.7426, -11.4790, 21.1427



40.7426, -20.2567, -25.9382



40.7426, 31.9680, -3.7796

Complementary

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



40.7417, -11.4777, 21.1424



19.9811, 15.6297, -38.2753

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.



40.7426, 23.1899, -21.6697



40.7417, -11.4777, 21.1424



40.7426, -7.8892, -37.3415

Square

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



40.7426, -11.4790, 21.1427



40.7426, -27.0514, -8.1955



40.7426, 8.0445, -35.5362



40.7426, 30.6165, 10.4485

Rectangle

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



40.7417, -11.4777, 21.1424



40.7426, -26.7289, 11.3157



40.7426, 8.0445, -35.5362



40.7426, 30.0565, -9.6276

Sweetspot

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



40.7426, -11.4790, 21.1427



55.5211, -7.6888, 13.1932



25.5053, 19.7026, 10.0521



26.5717, -3.9431, 6.8673



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.



40.7426, -11.4790, 21.1427



53.7084, -16.7383, 30.4546



38.3295, -20.7271, 19.2570



20.6192, -1.9924, 3.0599



41.8031, -14.5896, 25.5035



92.1833, -32.5761, 56.2326

Inverse Universe

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



19.9811, 15.6297, -38.2753



21.4508, 28.1981, -69.5872



23.1021, 23.4858, -29.3435



18.9819, -0.0577, -1.0803



12.1694, 32.4683, -82.2736



26.5584, 71.4462, -184.1076

Previews

White Background



This preview shows how the HunterLab color 40.7417, -11.4777, 21.1424 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 40.7417, -11.4777, 21.1424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

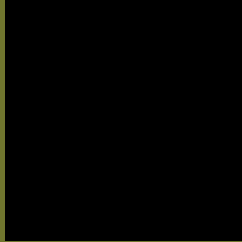
Any Text WCAG AA × Fail

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 40.7417, -11.4777, 21.1424 Background



This preview shows how black text looks on a background with the HunterLab color 40.7417, -11.4777, 21.1424.



This preview shows how white text looks on a background with the HunterLab color 40.7417, -11.4777, 21.1424.

-11.4777, 21.1424.

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

40.7417, -11.4777, 21.1424

Protanopia

40.5405, -4.9759, 21.2630

Deuteranopia

40.6477, 2.3441, 20.8495



Tritanopia

40.7710, 1.4236, -0.2324

Trichromacy



Original Color

40.7417, -11.4777, 21.1424

Protanomaly

40.6397, -7.4778, 21.2892

Deuteranomaly

40.6787, -3.0256, 20.9374

Tritanomaly

40.6452, -4.5887, 10.1952

Monochromacy



Original Color

40.7417, -11.4777, 21.1424

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

39.3642, -6.5799, 11.1962

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7417, -11.4777, 21.1424 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, 118, 46)` looks like.

```
.text, #text, p{  
    color:rgb(112, 118, 46)  
}
```

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, 118, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 118, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7417, -11.4777, 21.1424 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, 118, 46) }
```


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

```
.border{ border-color:rgb(112, 118, 46) }
```

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

Here you see how a box with a 4 pixel rgb(112, 118, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 118, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 118, 46);  
box-shadow:4px 4px 4px 4px rgb(112, 118,  
46) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7417, -11.4777, 21.1424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 118, 46) }
```

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

```
.background{ background-color: rgb(112,  
118, 46) }
```

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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