

Converting Colors

HunterLab(40.7951, -11.8327,
7.9407)

Have a look what the booklet for
HunterLab(40.7951, -11.8327,
7.9407) contains.

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Color

**HunterLab(40.9471,
-11.9881, 7.9293)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7863
RGB	95, 120, 99
RGB Percent	37%, 47%, 39%
CMY	0.6274, 0.5294, 0.6118
CMYK	0.21, 0.00, 0.18, 0.53
HSL	130°, 12%, 42%
HSV	130°, 21%, 47%
XYZ	13.6879, 16.7666, 14.3192
YIQ	110.1310, -8.1590, -11.8310

Conversions

Conversions Part 2

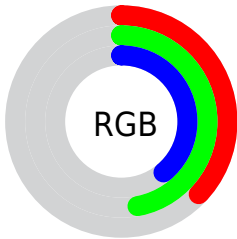
Format	Color
R_{YB}	95, 117, 120
Decimal	6256739
CIE _{Lab}	47.97, -13.63, 8.58
CIE _{LCh}	48, 16.104, 147.815
Yxy	16.7674, 0.3057, 0.3745
Android (android.graphics.Color)	4284446819 (0xFF5F7863)
YUV	110.1310, -5.4876, -13.2699
Hunter-Lab	40.9471, -11.9881, 7.9293

Details

The HunterLab color $40.9471, -11.9881, 7.9293$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $36.6590, 8.8405, -3.9807$, and the grayscale version is $39.5608, -2.1109, 2.1494$.

A 20% lighter version of the original color is $61.4964, -14.4112, 9.8226$, and $23.2008, -9.1189, 5.8342$ is the 20% darker color. If you saturate the color by 10%, you get $39.9906, -16.0465, 10.3748$, and if you desaturate by 10%, it is $42.0301, -7.5338, 5.3252$.

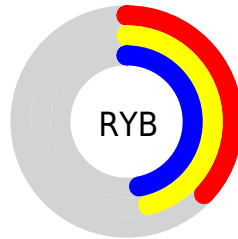
Distribution



Red (37%)

Green (47%)

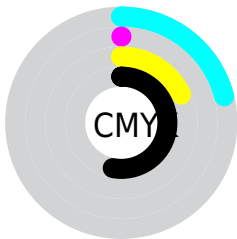
Blue (39%)



Red (37%)

Yellow (46%)

Blue (47%)

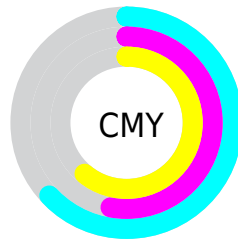


Cyan (21%)

Magenta (0%)

Yellow (18%)

Black (53%)



Cyan (63%)

Magenta (53%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.9471, -11.9881, 7.9293 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 40.9471, -11.9881, 7.9293 by changing the saturation by 10% instead.

■ 40.9471, -11.9881,
7.9293

■ 40.9471, -11.9881,
7.9293

152.9144,
-23.8255, 17.5873

■ 31.7313, -10.6143,
6.8865

■ 61.5836, -14.6543,
10.0087

■ 23.3336, -9.1882,
5.8270

■ 72.9065, -15.9657,
11.0557

■ 15.8442, -7.6766,
4.7310

■ 84.8491, -17.2713,
12.1120

■ 9.3906, -6.8260,
4.2976

■ 97.3808, -18.5752,
13.1798

0.0000, NaN, NaN

0.0000, NaN, NaN

110.4751,
-19.8805, 14.2604

0.0000, NaN, NaN

124.1089,

0.0000, NaN, NaN

-21.1896, 15.3547

0.0000, NaN, NaN

138.2614,
-22.5041, 16.4635

■ 40.9471, -11.9881,
7.9293

■ 40.9471, -11.9881,
7.9293

■ 39.9906, -16.0465,
10.3748

■ 42.0301, -7.5338,
5.3252

■ 39.1604, -19.6634,
12.6328

■ 43.2335, -2.7279,
2.5883

■ 38.4578, -22.8030,
14.6784

■ 44.5538, 2.3816,
-0.2549

■ 37.8818, -25.4392,
16.4893

■ 45.9857, 7.7490,
-3.1803

■ 37.4289, -27.5589,
18.0481

■ 47.5238, 13.3318,
-6.1667

■ 37.0932, -29.1660,
19.3443

■ 49.1623, 19.0916,
-9.1956

■ 36.8655, -30.2839,
20.3747

■ 50.8953, 24.9949,
-12.2518

■ 36.7168, -31.0209,
21.0723

■ 52.7172, 31.0127,
-15.3226

■ 54.6224, 37.1205,
-18.3982

Harmonies

Analogous

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



40.9480, -7.7140, 11.2053



40.9471, -11.9881, 7.9293



40.9480, -13.6554, 2.6679

Triad

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



40.9480, -11.9889, 7.9298



40.9480, -2.6501, -11.1135



40.9480, 9.1456, 7.2726

Complementary

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



40.9471, -11.9881, 7.9293



36.6590, 8.8405, -3.9807

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.



40.9480, 10.7013, 1.7850



40.9471, -11.9881, 7.9293



40.9480, 3.6495, -9.3930

Square

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



40.9480, -11.9889, 7.9298



40.9480, -8.4716, -8.8329



40.9480, 8.6334, -4.4315



40.9480, 4.5009, 10.8683

Rectangle

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



40.9471, -11.9881, 7.9293



40.9480, -13.1442, -1.4747



40.9480, 8.6334, -4.4315



40.9480, 10.0590, 5.6159

Sweetspot

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



40.9480, -11.9889, 7.9298



56.4677, -7.0577, 5.3804



42.4148, -6.8133, 10.8824



27.4513, -3.5883, 2.7062



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.9480, -11.9889, 7.9298



53.6767, -18.5399, 12.0942



41.2550, -10.2402, 3.5239



21.1175, -3.3591, 2.4279



38.3472, -32.4128, 22.0393



83.7016, -71.1094, 48.8849

Inverse Universe

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



36.6590, 8.8405, -3.9807



46.7414, 15.1887, -7.1741



36.2935, 6.9371, 1.1983



20.1669, 1.2478, -0.2099



23.1847, 44.0998, -19.0906



50.5332, 95.9520, -40.3094

Previews

White Background



This preview shows how the HunterLab color 40.9471, -11.9881, 7.9293 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 40.9471, -11.9881, 7.9293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

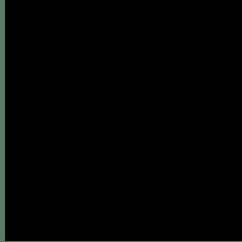
Any Text WCAG AA × Fail

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 40.9471, -11.9881, 7.9293 Background



This preview shows how black text looks on a background with the HunterLab color 40.9471, -11.9881, 7.9293.



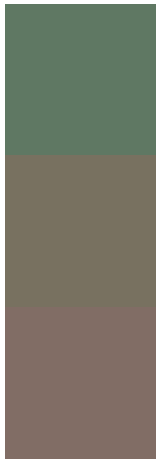
This preview shows how white text looks on a background with the HunterLab color 40.9471,

-11.9881, 7.9293.

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

40.9471, -11.9881, 7.9293

Protanopia

40.8018, -2.4466, 9.0183

Deuteranopia

40.6743, 2.8581, 7.1666



Tritanopia

40.8735, -4.8566, -3.5313

Trichromacy



Original Color

40.9471, -11.9881, 7.9293

Protanomaly

40.9064, -6.3126, 8.7041

Deuteranomaly

40.6353, -2.8421, 7.3980

Tritanomaly

40.7188, -7.4717, 0.9011

Monochromacy



Original Color

40.9471, -11.9881, 7.9293

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

40.0980, -5.8703, 4.4434

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.9471, -11.9881, 7.9293 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(95, 120, 99)` looks like.

```
.text, #text, p{  
    color:rgb(95, 120, 99)  
}
```

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(95, 120, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 120, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9471, -11.9881, 7.9293 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(95, 120, 99) }
```


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

```
.border{ border-color:rgb(95, 120, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 120, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 120, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 120, 99);  
box-shadow:4px 4px 4px 4px rgb(95, 120,  
99) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.9471, -11.9881, 7.9293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 120, 99) }
```

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

```
.background{ background-color: rgb(95, 120,  
99) }
```

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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