

Converting Colors

HunterLab(42.4164, -7.1219,
11.5469)

Have a look what the booklet for
HunterLab(42.4164, -7.1219,
11.5469) contains.

HunterLab(42.3512, -7.1223, 11.4741)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(42.3512, -7.1223,
11.4741)**

Conversions

Conversions Part 1

Format	Color
Hex	74785D
RGB	116, 120, 93
RGB Percent	45%, 47%, 36%
CMY	0.5451, 0.5294, 0.6353
CMYK	0.03, 0.00, 0.23, 0.53
HSL	69°, 13%, 42%
HSV	69°, 23%, 47%
XYZ	15.8947, 17.9362, 12.9802
YIQ	115.7260, 6.2830, -9.2450

Conversions

Conversions Part 2

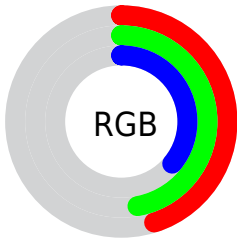
Format	Color
R_{YB}	93, 120, 97
Decimal	7632989
CIE Lab	49.42, -6.51, 14.36
CIE LCh	49, 15.765, 114.382
Yxy	17.9370, 0.3395, 0.3832
Android (android.graphics.Color)	4285823069 (0xFF74785D)
YUV	115.7260, -11.2039, 0.2403
Hunter-Lab	42.3512, -7.1223, 11.4741

Details

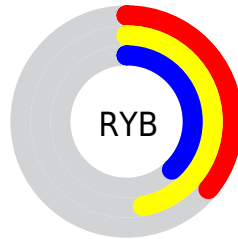
The HunterLab color $42.3512, -7.1223, 11.4741$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $34.2441, 3.8483, -9.5989$, and the grayscale version is $41.7261, -2.2264, 2.2671$.

A 20% lighter version of the original color is $63.0976, -8.9777, 14.3048$, and $24.6352, -5.3297, 8.6143$ is the 20% darker color. If you saturate the color by 10%, you get $41.9762, -8.9480, 14.7133$, and if you desaturate by 10%, it is $42.7665, -5.1052, 7.7345$.

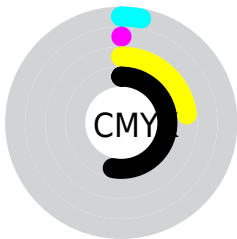
Distribution



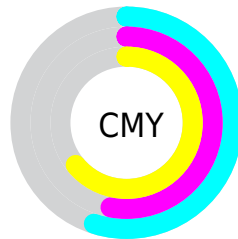
- Red (45%)
- Green (47%)
- Blue (36%)



- Red (36%)
- Yellow (47%)
- Blue (38%)



- Cyan (3%)
- Magenta (0%)
- Yellow (23%)
- Black (53%)



- Cyan (55%)
- Magenta (53%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.3512, -7.1223, 11.4741 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 42.3512, -7.1223, 11.4741 by changing the saturation by 10% instead.

■ 42.3512, -7.1223,
11.4741

■ 42.3512, -7.1223,
11.4741

155.0858,
-15.8777, 23.6897

■ 33.0224, -6.2194,
10.0366

■ 63.1902, -8.9604,
14.2462

■ 24.5007, -5.3179,
8.5366

■ 74.6053, -9.8989,
15.6035

■ 16.8725, -4.4082,
6.9369

■ 86.6354, -10.8530,
16.9518

■ 10.2581, -3.4692,
6.4204

■ 99.2505, -11.8236,
18.2958

0.0000, NaN, NaN

0.0000, NaN, NaN

112.4246,
-12.8110, 19.6392

0.0000, NaN, NaN

126.1350,

0.0000, NaN, NaN

-13.8157, 20.9847

0.0000, NaN, NaN

140.3614,
-14.8380, 22.3343

■ 42.3512, -7.1223,
11.4741

■ 42.3512, -7.1223,
11.4741

■ 41.9762, -8.9480,
14.7133

■ 42.7665, -5.1052,
7.7345

■ 41.6380, -10.5788,
17.4547

■ 43.2199, -2.8950,
3.4934

■ 41.3362, -12.0182,
19.7086

■ 43.7127, -0.4961,
-1.2439

■ 41.0695, -13.2706,
21.4905

■ 44.2451, 2.0866,
-6.4689

■ 40.8361, -14.3433,
22.8229

■ 44.8171, 4.8472,
-12.1697

■ 40.6336, -15.2469,
23.7362

■ 45.4284, 7.7789,
-18.3319

■ 40.4592, -15.9963,
24.2721

■ 46.0787, 10.8741,
-24.9389

■ 40.3373, -16.5117,
24.5666

■ 46.7676, 14.1248,
-31.9722

■ 47.4945, 17.5223,
-39.4123

Harmonies

Analogous

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



42.3521, -1.0758, 12.2015



42.3512, -7.1223, 11.4741



42.3521, -11.6209, 8.4534

Triad

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



42.3521, -7.1234, 11.4746



42.3521, -9.0548, -8.1137



42.3521, 10.4118, 1.1676

Complementary

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



42.3512, -7.1223, 11.4741



34.2441, 3.8483, -9.5989

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.



42.3521, 7.9873, -4.9297



42.3512, -7.1223, 11.4741



42.3521, -3.4354, -10.7651

Square

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



42.3521, -7.1234, 11.4746



42.3521, -12.6897, -2.7059



42.3521, 2.8290, -9.5227



42.3521, 9.2835, 6.7704

Rectangle

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



42.3512, -7.1223, 11.4741



42.3521, -13.2554, 5.2772



42.3521, 2.8290, -9.5227



42.3521, 9.9812, -0.8988

Sweetspot

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



42.3521, -7.1234, 11.4746



57.0297, -5.2396, 7.3420



36.4136, 4.7080, 5.6580



27.7508, -2.6103, 3.6886



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.



42.3521, -7.1234, 11.4746



55.9026, -10.7276, 17.5165



41.3543, -10.7543, 10.4463



21.4599, -2.1861, 3.1714



42.1249, -17.2672, 25.6548



91.8450, -38.3191, 55.9236

Inverse Universe

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



34.2441, 3.8483, -9.5989



42.7737, 7.1244, -16.8391



35.3646, 7.5034, -7.8696



19.7976, 0.0475, -1.1064



12.7007, 33.3981, -82.0845



27.3094, 72.6077, -182.6576

Previews

White Background



This preview shows how the HunterLab color 42.3512, -7.1223, 11.4741 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 42.3512, -7.1223, 11.4741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

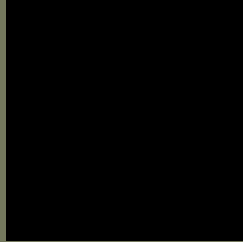
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

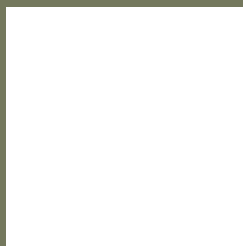
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.3512, -7.1223, 11.4741 Background



This preview shows how black text looks on a background with the HunterLab color 42.3512, -7.1223, 11.4741.

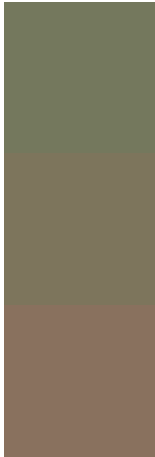


This preview shows how white text looks on a background with the HunterLab color 42.3512, -7.1223, 11.4741.

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

42.3512, -7.1223, 11.4741

Protanopia

42.2555, -3.1879, 11.7748

Deuteranopia

42.3518, 2.7689, 11.3206



Tritanopia

42.3846, 0.3391, -1.0176

Trichromacy



Original Color

42.3512, -7.1223, 11.4741

Protanomaly

42.2696, -4.5631, 11.7641

Deuteranomaly

42.3864, -1.2413, 11.2837

Tritanomaly

42.2336, -2.2711, 4.0522

Monochromacy



Original Color

42.3512, -7.1223, 11.4741

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

41.8549, -3.8565, 5.6260

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.3512, -7.1223, 11.4741 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(116, 120, 93)` looks like.

```
.text, #text, p{  
    color:rgb(116, 120, 93)  
}
```

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(116, 120, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 120, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 42.3512, -7.1223, 11.4741 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(116, 120, 93) }
```


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

```
.border{ border-color:rgb(116, 120, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 120, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 120, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 120, 93);  
box-shadow:4px 4px 4px 4px rgb(116, 120,  
93) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.3512, -7.1223, 11.4741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 120, 93) }
```

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

```
.background{ background-color: rgb(116,  
120, 93) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor