

Converting Colors

HunterLab(42.9170, -7.6661,
10.3354)

Have a look what the booklet for
HunterLab(42.9170, -7.6661,
10.3354) contains.

HunterLab(42.9485, -7.6876, 10.3781)	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(42.9485, -7.6876,
10.3781)**

Conversions

Conversions Part 1

Format	Color
Hex	737A62
RGB	115, 122, 98
RGB Percent	45%, 48%, 38%
CMY	0.5490, 0.5216, 0.6157
CMYK	0.06, 0.00, 0.20, 0.52
HSL	78°, 11%, 43%
HSV	78°, 20%, 48%
XYZ	16.2344, 18.4457, 14.2600
YIQ	117.1710, 3.5320, -8.9480

Conversions

Conversions Part 2

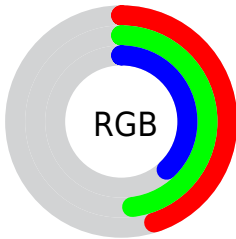
Format	Color
RYB	98, 122, 105
Decimal	7567970
CIELab	50.03, -7.20, 12.28
CIElCh	50, 14.240, 120.395
Yxy	18.4465, 0.3317, 0.3769
Android (android.graphics.Color)	4285758050 (0xFF737A62)
YUV	117.1710, -9.4513, -1.9040
Hunter-Lab	42.9485, -7.6876, 10.3781

Details

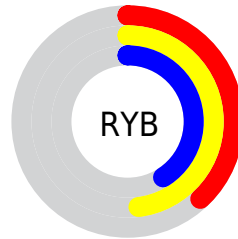
The HunterLab color $42.9485, -7.6876, 10.3781$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $36.2551, 4.0393, -7.7015$, and the grayscale version is $42.2781, -2.2559, 2.2970$.

A 20% lighter version of the original color is $63.7632, -9.4147, 12.6868$, and $24.8946, -5.6003, 7.7826$ is the 20% darker color. If you saturate the color by 10%, you get $42.4225, -10.1028, 13.7177$, and if you desaturate by 10%, it is $43.5211, -5.0720, 6.5534$.

Distribution



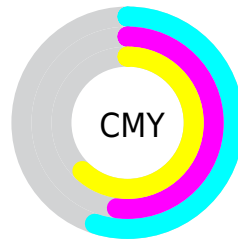
- Red (45%)
- Green (48%)
- Blue (38%)



- Red (38%)
- Yellow (48%)
- Blue (41%)



- Cyan (6%)
- Magenta (0%)
- Yellow (20%)
- Black (52%)



- Cyan (55%)
- Magenta (52%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.9485, -7.6876, 10.3781 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 42.9485, -7.6876, 10.3781 by changing the saturation by 10% instead.

■ 42.9485, -7.6876,
10.3781

■ 42.9485, -7.6876,
10.3781

156.0052,
-16.7478, 21.6665

■ 33.5724, -6.7400,
9.0877

■ 63.8723, -9.6058,
12.8954

■ 24.9989, -5.7897,
7.7539

■ 75.3262, -10.5810,
14.1396

■ 17.3129, -4.8257,
6.3473

■ 87.3930, -11.5699,
15.3820

■ 10.6318, -3.8240,
5.4867

■ 100.0431,
-12.5736, 16.6263

■ 0.6072, -1.0625,
0.4250

113.2507,
-13.5928, 17.8750

0.0000, NaN, NaN

126.9933,

0.0000, NaN, NaN

-14.6280, 19.1304

0.0000, NaN, NaN

141.2508,
-15.6796, 20.3938

0.0000, NaN, NaN

■ 42.9485, -7.6876,
10.3781

■ 42.9485, -7.6876,
10.3781

■ 42.4225, -10.1028,
13.7177

■ 43.5211, -5.0720,
6.5534

■ 41.9399, -12.3096,
16.5684

■ 44.1376, -2.2590,
2.2488

■ 41.5011, -14.3068,
18.9340

■ 44.7986, 0.7427,
-2.5246

■ 41.1051, -16.0943,
20.8238

■ 45.5039, 3.9242,
-7.7530

■ 40.7504, -17.6750,
22.2542

■ 46.2528, 7.2761,
-13.4198

■ 40.4351, -19.0556,
23.2504

■ 47.0447, 10.7885,
-19.5069

■ 40.1568, -20.2470,
23.8476

■ 47.8788, 14.4509,
-25.9944

■ 39.9050, -21.3080,
24.1992

■ 48.7541, 18.2531,
-32.8616

■ 39.8970, -21.3422,
24.2107

■ 49.6695, 22.1848,
-40.0875

Harmonies

Analogous

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



42.9494, -2.3693, 11.4947



42.9485, -7.6876, 10.3781



42.9494, -11.3955, 7.1667

Triad

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



42.9494, -7.6887, 10.3786



42.9494, -7.5647, -7.7274



42.9494, 9.1991, 2.4094

Complementary

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



42.9485, -7.6876, 10.3781



36.2551, 4.0393, -7.7015

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.



42.9494, 7.6349, -3.1262



42.9485, -7.6876, 10.3781



42.9494, -2.2186, -9.4215

Square

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



42.9494, -7.6887, 10.3786



42.9494, -11.3266, -3.2663



42.9494, 3.3809, -7.6394



42.9494, 7.5529, 7.2757

Rectangle

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



42.9485, -7.6876, 10.3781



42.9494, -12.5545, 4.0379



42.9494, 3.3809, -7.6394



42.9494, 9.0304, 0.5653

Sweetspot

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



42.9494, -7.6887, 10.3786



58.0060, -5.4400, 6.7495



38.8361, 2.1869, 6.3274



27.7183, -2.6866, 3.3571



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.



42.9494, -7.6887, 10.3786



56.6158, -11.8026, 16.0191



42.0680, -10.9003, 9.4451



21.3963, -2.4110, 3.0985



40.9311, -21.9193, 24.8378



89.1421, -48.8789, 54.0733

Inverse Universe

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



36.2551, 4.0393, -7.7015



45.5916, 7.5650, -13.8998



37.2948, 7.4384, -6.1617



19.8620, 0.2675, -1.0198



13.6481, 34.2120, -75.2048



29.1530, 74.1309, -168.7988

Previews

White Background



This preview shows how the HunterLab color 42.9485, -7.6876, 10.3781 looks on a white 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

Black Background



This preview shows how the HunterLab color 42.9485, -7.6876, 10.3781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

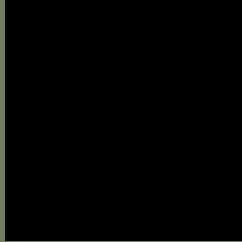
Any Text WCAG AA ✓ Pass

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 42.9485, -7.6876, 10.3781 Background



This preview shows how black text looks on a background with the HunterLab color 42.9485, -7.6876, 10.3781.

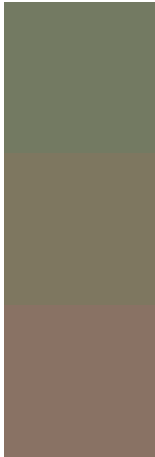


This preview shows how white text looks on a background with the HunterLab color 42.9485, -7.6876, 10.3781.

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

42.9485, -7.6876, 10.3781

Protanopia

42.9812, -3.3192, 11.1613

Deuteranopia

42.7470, 3.0036, 9.6707



Tritanopia

42.9082, -0.5540, -1.3144

Trichromacy



Original Color

42.9485, -7.6876, 10.3781

Protanomaly

42.9344, -4.8724, 10.7532

Deuteranomaly

42.7675, -1.1070, 9.9689

Tritanomaly

42.7857, -3.0321, 3.4146

Monochromacy



Original Color

42.9485, -7.6876, 10.3781

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

42.4646, -4.4772, 5.4913

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.9485, -7.6876, 10.3781 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, 122, 98)` looks like.

```
.text, #text, p{  
    color:rgb(115, 122, 98)  
}
```

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, 122, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 122, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 42.9485, -7.6876, 10.3781 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, 122, 98) }
```


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

```
.border{ border-color:rgb(115, 122, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 122, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 122, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 122, 98);  
box-shadow:4px 4px 4px 4px rgb(115, 122,  
98) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.9485, -7.6876, 10.3781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 122, 98) }
```

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

```
.background{ background-color: rgb(115,  
122, 98) }
```

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