

Converting Colors

HunterLab(41.7062, -4.5926,
0.4256)

Have a look what the booklet for
HunterLab(41.7062, -4.5926, 0.4256)
contains.

HunterLab(41.8343, -4.7148, 0.5119)	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(41.8343, -4.7148,
0.5119)

Conversions

Conversions Part 1

Format	Color
Hex	6C7678
RGB	108, 118, 120
RGB Percent	42%, 46%, 47%
CMY	0.5765, 0.5372, 0.5294
CMYK	0.10, 0.02, 0.00, 0.53
HSL	190°, 5%, 45%
HSV	190°, 10%, 47%
XYZ	16.0529, 17.5011, 20.3012
YIQ	115.2380, -6.6020, -1.4980

Conversions

Conversions Part 2

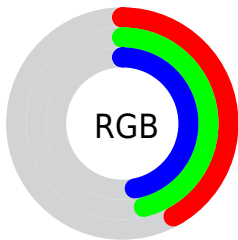
Format	Color
R_{YB}	108, 113, 120
Decimal	7108216
CIE Lab	48.89, -3.30, -2.39
CIE LCh	49, 4.070, 215.879
Yxy	17.5018, 0.2981, 0.3250
Android (android.graphics.Color)	4285298296 (0xFF6C7678)
YUV	115.2380, 2.3477, -6.3477
Hunter-Lab	41.8343, -4.7148, 0.5119

Details

The HunterLab color $41.8343, -4.7148, 0.5119$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $40.2834, 0.5281, 3.9500$, and the grayscale version is $41.4910, -2.2139, 2.2543$.

A 20% lighter version of the original color is $62.5291, -6.3177, 1.4117$, and $24.1667, -3.2607, -0.2070$ is the 20% darker color. If you saturate the color by 10%, you get $40.4163, -6.8650, -1.2834$, and if you desaturate by 10%, it is $43.3386, -2.3124, 2.3547$.

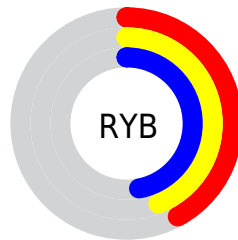
Distribution



Red (42%)

Green (46%)

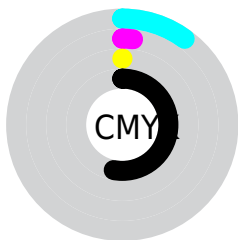
Blue (47%)



Red (42%)

Yellow (44%)

Blue (47%)

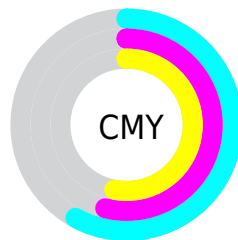


Cyan (10%)

Magenta (2%)

Yellow (0%)

Black (53%)



Cyan (58%)

Magenta (54%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.8343, -4.7148, 0.5119 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 41.8343, -4.7148, 0.5119 by changing the saturation by 10% instead.

■ 41.8343, -4.7148,
0.5119

■ 41.8343, -4.7148,
0.5119

154.2880,
-12.1005, 5.7053

■ 32.5468, -4.0154,
0.1424

■ 62.5992, -6.1893,
1.3991

■ 24.0704, -3.3384,
-0.1714

■ 73.9806, -6.9630,
1.9073

■ 16.4928, -2.6817,
-0.4199

■ 85.9786, -7.7610,
2.4546

■ 9.9369, -2.0383,
-0.5896

■ 98.5632, -8.5829,
3.0386

0.0000, NaN, -NF

0.0000, NaN, NaN

111.7081, -9.4283,
3.6573

0.0000, NaN, NaN

125.3904,

0.0000, NaN, NaN

-10.2966, 4.3089

0.0000, NaN, NaN

139.5898,
-11.1875, 4.9921

■ 41.8343, -4.7148,
0.5119

■ 41.8343, -4.7148,
0.5119

■ 40.4163, -6.8650,
-1.2834

■ 43.3386, -2.3124,
2.3547

■ 39.0859, -8.7365,
-3.0233

■ 44.9227, 0.3207,
4.2341

■ 37.8472, -10.3068,
-4.6963

■ 46.5833, 3.1604,
6.1431

■ 36.7027, -11.5553,
-6.2914

■ 48.3162, 6.1850,
8.0751

■ 35.6542, -12.4657,
-7.7975

■ 50.1175, 9.3747,
10.0245

■ 34.7019, -13.0281,
-9.2052

■ 51.9831, 12.7112,
11.9870

■ 33.8441, -13.2421,
-10.5070

■ 53.9095, 16.1785,
13.9590

■ 33.0766, -13.1194,
-11.7001

■ 55.8931, 19.7621,
15.9375

■ 32.3641, -12.7935,
-12.8347

■ 57.9305, 23.4494,
17.9205

Harmonies

Analogous

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



41.8352, -5.2724, 1.9741



41.8343, -4.7148, 0.5119



41.8352, -3.4932, -0.5034

Triad

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



41.8352, -4.7156, 0.5126



41.8352, 0.6313, 1.0546



41.8352, -2.5514, 5.1045

Complementary

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



41.8343, -4.7148, 0.5119



40.2834, 0.5281, 3.9500

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.



41.8352, -0.9606, 4.8791



41.8343, -4.7148, 0.5119



41.8352, 0.8927, 2.5780

Square

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



41.8352, -4.7156, 0.5126



41.8352, -0.4029, -0.1822



41.8352, 0.3059, 3.9682



41.8352, -4.0350, 4.5958

Rectangle

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



41.8343, -4.7148, 0.5119



41.8352, -2.4569, -0.7708



41.8352, 0.3059, 3.9682



41.8352, -2.0116, 5.1118

Sweetspot

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



41.8352, -4.7156, 0.5126



56.8511, -4.0802, 2.3661



42.1222, -7.1626, 5.1457



27.6055, -2.1000, 1.0658



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.



41.8352, -4.7156, 0.5126



55.0399, -6.9388, 0.1274



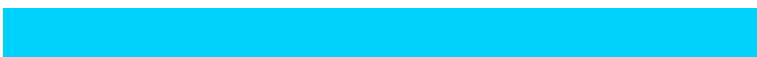
40.2207, -2.0805, -1.4470



20.9864, -2.2533, 0.3396



33.7777, -13.3285, -13.4467



73.0451, -28.1466, -30.5396

Inverse Universe

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



40.0332, 2.9713, -0.6651



52.1181, 5.5688, -1.7974



41.8578, -2.1412, 5.6589



20.1658, 1.2422, -0.1950



23.1487, 43.9732, -18.6094



50.4514, 95.6635, -39.2117

Previews

White Background



This preview shows how the HunterLab color 41.8343, -4.7148, 0.5119 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 41.8343, -4.7148, 0.5119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

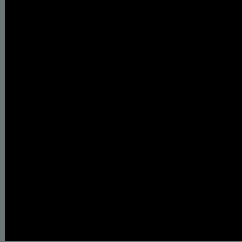
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

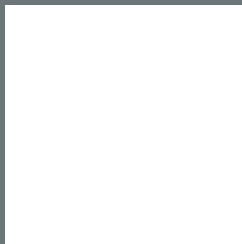
Any Text WCAG AAA × Fail

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

HunterLab 41.8343, -4.7148, 0.5119 Background



This preview shows how black text looks on a background with the HunterLab color 41.8343, -4.7148, 0.5119.



This preview shows how white text looks on a background with the HunterLab color 41.8343, -4.7148,

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

41.8343, -4.7148, 0.5119

Protanopia

41.6550, -1.1754, 1.2513

Deuteranopia

41.8936, 2.5871, 0.2592



Tritanopia

41.8093, -3.0037, -2.2814

Trichromacy



Original Color

41.8343, -4.7148, 0.5119

Protanomaly

41.7134, -2.3293, 0.8561

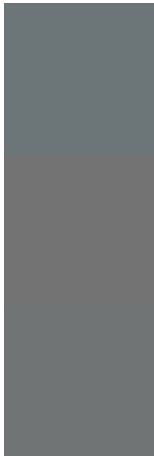
Deuteranomaly

41.9093, -0.1270, 0.2309

Tritanomaly

41.7481, -3.3402, -1.4147

Monochromacy



Original Color

41.8343, -4.7148, 0.5119

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

41.4968, -3.1998, 1.4683

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.8343, -4.7148, 0.5119 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(108, 118, 120)` looks like.

```
.text, #text, p{  
    color:rgb(108, 118, 120)  
}
```

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(108, 118, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 118, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 41.8343, -4.7148, 0.5119 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(108, 118, 120) }
```


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

```
.border{ border-color:rgb(108, 118, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 118, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 118, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 118, 120);  
box-shadow:4px 4px 4px 4px rgb(108, 118,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.8343, -4.7148, 0.5119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 118, 120) }
```

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

```
.background{ background-color: rgb(108,  
118, 120) }
```

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