

Converting Colors

HunterLab(41.9720, -1.1564,
-2.7625)

Have a look what the booklet for
HunterLab(41.9720, -1.1564,
-2.7625) contains.

HunterLab(41.9047, -1.1244, -3.0930)	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(41.9047, -1.1244,
-3.0930)

Conversions

Conversions Part 1

Format	Color
Hex	717480
RGB	113, 116, 128
RGB Percent	44%, 45%, 50%
CMY	0.5569, 0.5451, 0.4980
CMYK	0.12, 0.09, 0.00, 0.50
HSL	228°, 6%, 47%
HSV	228°, 12%, 50%
XYZ	16.9518, 17.5600, 22.9181
YIQ	116.4710, -5.6400, 3.0960

Conversions

Conversions Part 2

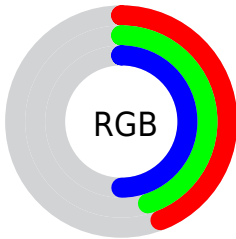
Format	Color
RYB	113, 116, 128
Decimal	7435392
CIE Lab	48.96, 1.45, -6.97
CIE LCh	49, 7.122, 281.776
Yxy	17.5608, 0.2952, 0.3058
Android (android.graphics.Color)	4285625472 (0xFF717480)
YUV	116.4710, 5.6838, -3.0441
Hunter-Lab	41.9047, -1.1244, -3.0930

Details

The HunterLab color $41.9047, -1.1244, -3.0930$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45.2202, -3.2810, 7.3228$, and the grayscale version is $41.9537, -2.2385, 2.2794$.

A 20% lighter version of the original color is $62.7222, -2.0184, -2.7101$, and $24.1300, -0.3701, -3.3132$ is the 20% darker color. If you saturate the color by 10%, you get $38.1299, 0.2346, -8.2562$, and if you desaturate by 10%, it is $45.7850, -2.2946, 1.7260$.

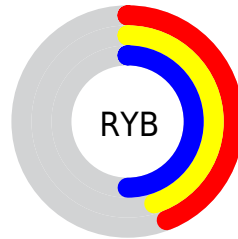
Distribution



Red (44%)

Green (45%)

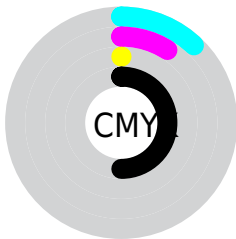
Blue (50%)



Red (44%)

Yellow (45%)

Blue (50%)

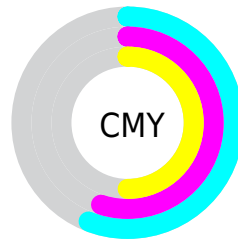


Cyan (12%)

Magenta (9%)

Yellow (0%)

Black (50%)



Cyan (56%)

Magenta (55%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.9047, -1.1244, -3.0930 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 41.9047, -1.1244, -3.0930 by changing the saturation by 10% instead.

■ 41.9047, -1.1244,
-3.0930

■ 41.9047, -1.1244,
-3.0930

■ 154.3967, -6.5326,
0.3956

■ 32.6115, -0.7171,
-3.2223

■ 62.6797, -2.0765,
-2.6455

■ 24.1289, -0.3607,
-3.2791

■ 74.0657, -2.6125,
-2.3407

■ 16.5444, -0.0635,
-3.2510

■ 86.0681, -3.1850,
-1.9878

■ 9.9805, 0.1626,
-3.1232

■ 98.6569, -3.7921,
-1.5901

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 111.8058, -4.4318,
-1.1506

0.0000, NaN, NaN

■ 125.4919, -5.1027,

0.0000, NaN, NaN

-0.6718

0.0000, NaN, NaN

139.6950, -5.8034,
-0.1558

■ 41.9047, -1.1244,
-3.0930

■ 41.9047, -1.1244,
-3.0930

■ 38.1299, 0.2346,
-8.2562

■ 45.7850, -2.2946,
1.7260

■ 34.4725, 1.8307,
-13.8510

■ 49.7566, -3.3091,
6.2665

■ 30.9526, 3.7211,
-19.9814

■ 53.8112, -4.1966,
10.5830

■ 27.5952, 5.9783,
-26.7702

■ 57.9414, -4.9790,
14.7184

■ 24.4342, 8.6873,
-34.3471

■ 62.1412, -5.6737,
18.7064

■ 21.5151, 11.9351,
-42.8123

■ 66.4052, -6.2944,
22.5742

■ 18.8989, 15.7770,
-52.1480

■ 70.7293, -6.8524,
26.3437

■ 16.6625, 20.1599,
-62.0484

■ 75.1097, -7.3566,
30.0324

■ 15.1008, 23.8965,
-70.4605

■ 79.5430, -7.8144,
33.6547

Harmonies

Analogous

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



41.9056, -3.9214, -2.9230



41.9047, -1.1244, -3.0930



41.9056, 1.4378, -1.7531

Triad

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



41.9056, -1.1252, -3.0923



41.9056, 1.8849, 5.5757



41.9056, -7.2678, 3.8631

Complementary

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



41.9047, -1.1244, -3.0930



45.2202, -3.2810, 7.3228

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.



41.9056, -5.7917, 5.9501



41.9047, -1.1244, -3.0930



41.9056, -0.5281, 6.8929

Square

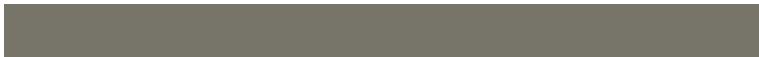
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.9056, -1.1252, -3.0923



41.9056, 3.2062, 3.3207



41.9056, -3.3397, 7.0253



41.9056, -7.4181, 1.2140

Rectangle

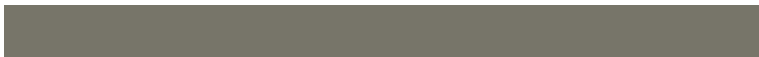
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.9047, -1.1244, -3.0930



41.9056, 2.6499, -0.2338



41.9056, -3.3397, 7.0253



41.9056, -6.9121, 4.6490

Sweetspot

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



41.9056, -1.1252, -3.0923



59.5181, -2.6965, 0.8090



45.1926, -7.1409, 2.3774



28.6327, -1.2567, 0.1893



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



41.9056, -1.1252, -3.0923



54.2856, -1.0498, -5.8388



41.4348, 1.4637, -3.6654



20.8336, -0.7034, -0.8728



15.0427, 23.7766, -70.1288

0.0000, NaN, NaN

Inverse Universe

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



42.0248, 2.7418, 2.6310



54.4987, 5.2090, 3.5580



45.7137, -5.9017, 7.8022



20.8740, 0.7562, 1.2577



21.5010, 37.1580, 11.2823

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 41.9047, -1.1244, -3.0930 looks on a white background.

Color Contrast Check

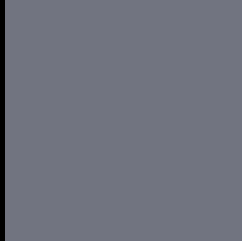
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.9047, -1.1244, -3.0930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

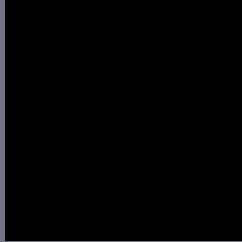
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

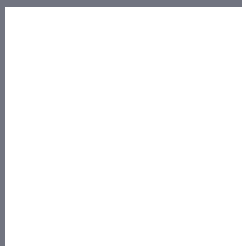
Any Text WCAG AAA × Fail

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

HunterLab 41.9047, -1.1244, -3.0930 Background



This preview shows how black text looks on a background with the HunterLab color 41.9047, -1.1244, -3.0930.



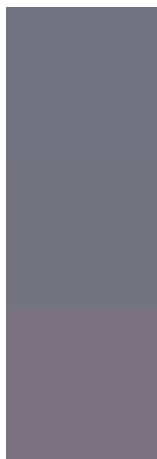
This preview shows how white text looks on a background with the HunterLab color 41.9047, -1.1244, -3.0930.

-3.0930.

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

41.9047, -1.1244, -3.0930

Protanopia

41.7909, -0.1073, -3.2239

Deuteranopia

41.8722, 3.0036, -3.5542



Tritanopia

41.8424, -1.4642, -2.2119

Trichromacy



Original Color

41.9047, -1.1244, -3.0930

Protanomaly

41.7102, -0.3844, -3.3346

Deuteranomaly

41.8826, 1.6618, -3.5639

Tritanomaly

41.8734, -1.2950, -2.6506

Monochromacy



Original Color

41.9047, -1.1244, -3.0930

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

41.8231, -1.8904, 0.5476

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.9047, -1.1244, -3.0930 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(113, 116, 128)` looks like.

```
.text, #text, p{  
    color:rgb(113, 116, 128)  
}
```

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(113, 116, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 116, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 41.9047, -1.1244, -3.0930 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(113, 116, 128) }
```


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

```
.border{ border-color:rgb(113, 116, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 116, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 116, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 116, 128);  
box-shadow:4px 4px 4px 4px rgb(113, 116,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.9047, -1.1244, -3.0930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 116, 128) }
```

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

```
.background{ background-color: rgb(113,  
116, 128) }
```

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