

Converting Colors

HunterLab(46.9276, 4.8535,
-18.7507)

Have a look what the booklet for
HunterLab(46.9276, 4.8535,
-18.7507) contains.

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Color

**HunterLab(46.9414, 4.8751,
-19.0242)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7EAA
RGB	123, 126, 170
RGB Percent	48%, 49%, 67%
CMY	0.5176, 0.5059, 0.3333
CMYK	0.28, 0.26, 0.00, 0.33
HSL	236°, 22%, 57%
HSV	236°, 28%, 67%
XYZ	22.8849, 22.0350, 41.0772
YIQ	130.1190, -15.9120, 13.0480

Conversions

Conversions Part 2

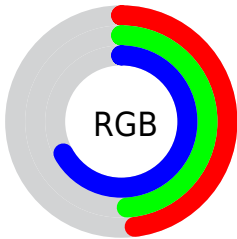
Format	Color
R_{YB}	123, 126, 170
Decimal	8093354
CIE _{Lab}	54.06, 9.06, -23.71
CIE _{LCh}	54, 25.384, 290.903
Yxy	22.0358, 0.2661, 0.2562
Android (android.graphics.Color)	4286283434 (0xFF7B7EAA)
YUV	130.1190, 19.6613, -6.2434
Hunter-Lab	46.9414, 4.8751, -19.0242

Details

The HunterLab color $46.9414, 4.8751, -19.0242$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $61.3301, -8.4534, 19.5271$, and the grayscale version is $47.2243, -2.5198, 2.5658$.

A 20% lighter version of the original color is $68.4884, 4.2440, -19.3905$, and $28.3412, 5.0185, -18.3045$ is the 20% darker color. If you saturate the color by 10%, you get $41.3974, 8.5542, -28.8094$, and if you desaturate by 10%, it is $52.7251, 1.6175, -10.2485$.

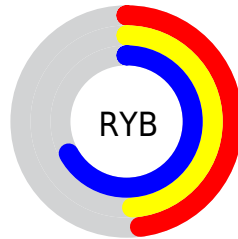
Distribution



Red (48%)

Green (49%)

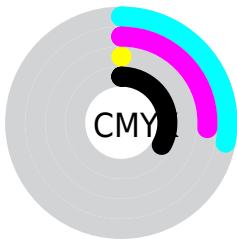
Blue (67%)



Red (48%)

Yellow (49%)

Blue (67%)

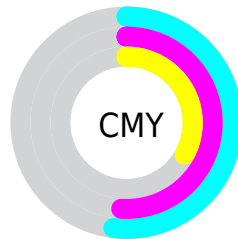


Cyan (28%)

Magenta (26%)

Yellow (0%)

Black (33%)



Cyan (52%)

Magenta (51%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.9414, 4.8751, -19.0242 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 46.9414, 4.8751, -19.0242 by changing the saturation by 10% instead.

■ 46.9414, 4.8751,
-19.0242

■ 46.9414, 4.8751,
-19.0242

162.0905, 2.3146,
-20.5347

■ 37.2602, 4.8784,
-18.5676

■ 68.4143, 4.6601,
-19.7565

■ 28.3540, 4.7998,
-18.0657

■ 80.1191, 4.4641,
-20.0316

■ 20.2983, 4.6229,
-17.5528

■ 92.4244, 4.2160,
-20.2479

■ 13.1949, 4.3242,
-17.1352

105.3022, 3.9198,
-20.4078

■ 6.7084, 5.5243,
-19.1502

118.7281, 3.5790,
-20.5139

0.0000, NaN, -NF

0.0000, NaN, NaN

132.6806, 3.1963,

-20.5688

0.0000, NaN, NaN

147.1405, 2.7741,
-20.5750

0.0000, NaN, NaN

■ 46.9414, 4.8751,
-19.0242

■ 46.9414, 4.8751,
-19.0242

■ 41.3974, 8.5542,
-28.8094

■ 52.7251, 1.6175,
-10.2485

■ 36.1421, 12.7794,
-39.8937

■ 58.7087, -1.3141,
-2.2541

■ 31.2501, 17.6900,
-52.5886

■ 64.8658, -3.9945,
5.1385

■ 26.8279, 23.3977,
-67.1074

■ 71.1755, -6.4796,
12.0646

■ 23.0263, 29.8521,
-83.2132

■ 77.6218, -8.8115,
18.6270

■ 20.0413, 36.5586,
-99.5198

■ 84.1920, -11.0223,
24.9037

■ 18.0515, 42.2866,
-113.0474

■ 90.8756, -13.1366,
30.9548

■ 17.7153, 43.2969,
-115.6080

■ 97.2705, -16.5854,
36.4662

■ 97.8173, -17.4279,
36.9180

Harmonies

Analogous

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



46.9423, -5.6404, -20.4921



46.9414, 4.8751, -19.0242



46.9423, 14.1164, -11.1590

Triad

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



46.9423, 4.8745, -19.0232



46.9423, 10.8403, 15.0945



46.9423, -20.7362, 5.4764

Complementary

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



46.9414, 4.8751, -19.0242



61.3301, -8.4534, 19.5271

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.



46.9423, -17.0977, 13.0766



46.9414, 4.8751, -19.0242



46.9423, 0.7104, 17.7751

Square

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



46.9423, 4.8745, -19.0232



46.9423, 17.7645, 8.8726



46.9423, -9.4593, 17.1273



46.9423, -19.8329, -4.7842

Rectangle

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



46.9414, 4.8751, -19.0242



46.9423, 18.0164, -4.1345



46.9423, -9.4593, 17.1273



46.9423, -20.0165, 8.3855

Sweetspot

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



46.9423, 4.8745, -19.0232



78.6720, -1.5818, -3.5526



59.7879, -16.5361, 0.3605



36.5828, -0.4814, -2.4052



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



46.9423, 4.8745, -19.0232



58.7425, 9.4377, -33.2829



47.8971, 12.0711, -17.3514



27.1562, -0.4020, -1.6532



15.2968, 36.7088, -98.3635



2.8323, 4.1187, -12.4312

Inverse Universe

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



49.2128, 13.3583, 6.7770



62.6077, 23.1390, 10.3149



60.5221, -16.0749, 18.6540



27.4769, 0.9619, 2.0866



25.1143, 43.0914, 15.5896



3.9472, 6.8321, 1.9901

Previews

White Background



This preview shows how the HunterLab color 46.9414, 4.8751, -19.0242 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 46.9414, 4.8751, -19.0242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

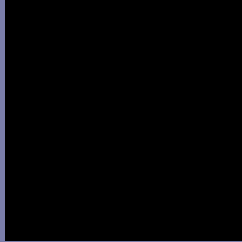
Any Text WCAG AA ✓ Pass

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 46.9414, 4.8751, -19.0242 Background



This preview shows how black text looks on a background with the HunterLab color 46.9414, 4.8751, -19.0242.



This preview shows how white text looks on a background with the HunterLab color 46.9414, 4.8751, -19.0242.

-19.0242.

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

46.9414, 4.8751, -19.0242

Protanopia

47.0750, 2.5783, -19.4728

Deuteranopia

46.9831, 3.6075, -18.9781



Tritanopia

46.8695, -4.5772, -3.5723

Trichromacy



Original Color

46.9414, 4.8751, -19.0242

Protanomaly

46.9478, 3.5703, -19.6653

Deuteranomaly

47.0595, 3.8632, -18.8486

Tritanomaly

46.7862, -1.2771, -8.8377

Monochromacy



Original Color

46.9414, 4.8751, -19.0242

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.1772, -0.4048, -4.6027

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.9414, 4.8751, -19.0242 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(123, 126, 170)` looks like.

```
.text, #text, p{  
    color:rgb(123, 126, 170)  
}
```

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(123, 126, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 126, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 46.9414, 4.8751, -19.0242 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(123, 126, 170) }
```


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

```
.border{ border-color:rgb(123, 126, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 126, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 126, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 126, 170);  
box-shadow:4px 4px 4px 4px rgb(123, 126,  
170) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.9414, 4.8751, -19.0242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 126, 170) }
```

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

```
.background{ background-color: rgb(123,  
126, 170) }
```

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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