

Converting Colors

HunterLab(49.9246, -0.3417,
-13.5579)

Have a look what the booklet for
HunterLab(49.9246, -0.3417,
-13.5579) contains.

HunterLab(50.0410, -0.4662, -13.6470)	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(50.0410, -0.4662,
-13.6470)**

Conversions

Conversions Part 1

Format	Color
Hex	7C89A9
RGB	124, 137, 169
RGB Percent	49%, 54%, 66%
CMY	0.5137, 0.4627, 0.3373
CMYK	0.27, 0.19, 0.00, 0.34
HSL	223°, 21%, 57%
HSV	223°, 27%, 66%
XYZ	24.4193, 25.0410, 41.0825
YIQ	136.7610, -18.0200, 7.1960

Conversions

Conversions Part 2

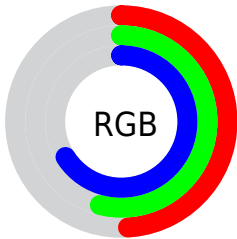
Format	Color
RYB	124, 134, 169
Decimal	8161705
CIELab	57.12, 2.71, -18.46
CIELCh	57, 18.656, 278.341
Yxy	25.0420, 0.2697, 0.2766
Android (android.graphics.Color)	4286351785 (0xFF7C89A9)
YUV	136.7610, 15.8938, -11.1914
Hunter-Lab	50.0410, -0.4662, -13.6470

Details

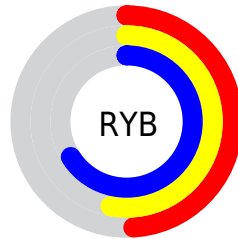
The HunterLab color $50.0410, -0.4662, -13.6470$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $58.0237, -3.4399, 16.2079$, and the grayscale version is $49.8659, -2.6607, 2.7093$.

A 20% lighter version of the original color is $71.8024, -1.3561, -14.0113$, and $30.9137, 0.4268, -13.2215$ is the 20% darker color. If you saturate the color by 10%, you get $45.4536, 1.2324, -20.9331$, and if you desaturate by 10%, it is $54.7906, -1.7963, -6.8887$.

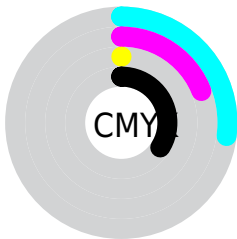
Distribution



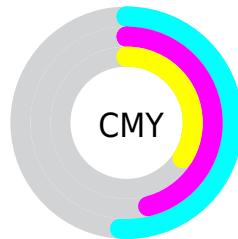
- Red (49%)
- Green (54%)
- Blue (66%)



- Red (49%)
- Yellow (53%)
- Blue (66%)



- Cyan (27%)
- Magenta (19%)
- Yellow (0%)
- Black (34%)



- Cyan (51%)
- Magenta (46%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0410, -0.4662, -13.6470 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 50.0410, -0.4662, -13.6470 by changing the saturation by 10% instead.

■ 50.0410, -0.4662,
-13.6470

■ 50.0410, -0.4662,
-13.6470

■ 166.7475, -5.6268,
-13.5406

■ 40.1352, -0.0913,
-13.3628

■ 71.9204, -1.3565,
-14.0113

■ 30.9853, 0.2313,
-13.0101

■ 83.8116, -1.8633,
-14.1004

■ 22.6608, 0.4938,
-12.5935

■ 96.2944, -2.4077,
-14.1322

■ 15.2537, 0.6853,
-12.1401

■ 109.3419, -2.9875,
-14.1101

■ 8.8759, 0.8545,
-11.8153

■ 122.9306, -3.6008,
-14.0373

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 137.0398, -4.2461,

-13.9164

0.0000, NaN, NaN

151.6510, -4.9218,
-13.7501

0.0000, NaN, NaN

■ 50.0410, -0.4662,
-13.6470

■ 50.0410, -0.4662,
-13.6470

■ 45.4536, 1.2324,
-20.9331

■ 54.7906, -1.7963,
-6.8887

■ 41.0506, 3.3835,
-28.8602

■ 59.6797, -2.8222,
-0.5665

■ 36.8655, 6.0855,
-37.5464

■ 64.6936, -3.5971,
5.3996

■ 32.9402, 9.4502,
-47.1000

■ 69.8196, -4.1631,
11.0740

■ 29.3287, 13.5858,
-57.5726

■ 75.0474, -4.5534,
16.5090

■ 26.0979, 18.5547,
-68.8706

■ 80.3684, -4.7948,
21.7470

■ 23.3168, 24.2710,
-80.6555

■ 85.7757, -4.9088,
26.8225

■ 22.4649, 26.2592,
-84.7652

■ 90.8203, -6.4567,
31.3451

■ 94.6184, -12.5805,
34.5620

Harmonies

Analogous

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



50.0420, -8.1168, -12.5233



50.0410, -0.4662, -13.6470



50.0420, 7.0277, -9.8815

Triad

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



50.0420, -0.4669, -13.6460



50.0420, 9.7102, 10.8293



50.0420, -15.9286, 7.7336

Complementary

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



50.0410, -0.4662, -13.6470



58.0237, -3.4399, 16.2079

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.



50.0420, -11.6864, 12.7180



50.0410, -0.4662, -13.6470



50.0420, 3.0144, 14.3044

Square

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



50.0420, -0.4669, -13.6460



50.0420, 13.1356, 4.7601



50.0420, -4.8412, 14.9382



50.0420, -16.7337, 0.5984

Rectangle

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



50.0410, -0.4662, -13.6470



50.0420, 10.8181, -5.4037



50.0420, -4.8412, 14.9382



50.0420, -14.8704, 9.6822

Sweetspot

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



50.0420, -0.4669, -13.6460



78.8629, -3.5917, -2.0085



59.1988, -17.7857, 4.8870



36.3689, -1.5902, -1.5040



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



50.0420, -0.4669, -13.6460



63.2898, 0.6613, -23.9662



47.1882, 8.3676, -17.9395



27.6415, -1.2200, -1.0458



19.6039, 22.0686, -72.1430



4.2413, 0.7353, -6.8885

Inverse Universe

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



49.6561, 14.0630, 2.5841



62.8652, 24.2040, 3.5743



61.0780, -12.4205, 18.9072



27.5257, 1.2247, 1.3899



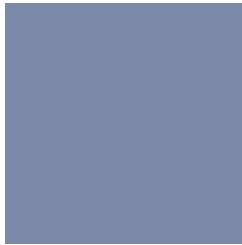
25.4146, 44.2018, 11.1628



4.0727, 7.2918, 0.1734

Previews

White Background



This preview shows how the HunterLab color 50.0410, -0.4662, -13.6470 looks on a white background.

Color Contrast Check

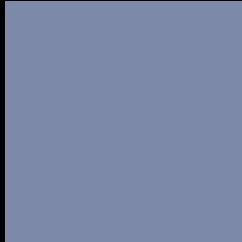
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.0410, -0.4662, -13.6470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

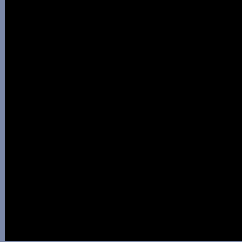
Any Text WCAG AA ✓ Pass

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 50.0410, -0.4662, -13.6470 Background



This preview shows how black text looks on a background with the HunterLab color 50.0410, -0.4662, -13.6470.



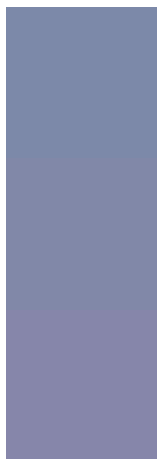
This preview shows how white text looks on a background with the HunterLab color 50.0410, -0.4662, -13.6470.

-13.6470.

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

50.0410, -0.4662, -13.6470

Protanopia

50.1025, 1.1219, -12.9465

Deuteranopia

50.0208, 3.8615, -14.1873



Tritanopia

49.9836, -6.3710, -4.0413

Trichromacy



Original Color

50.0410, -0.4662, -13.6470

Protanomaly

49.9475, 0.5936, -13.1873

Deuteranomaly

49.9760, 2.2833, -14.2829

Tritanomaly

49.9988, -4.3530, -7.6261

Monochromacy



Original Color

50.0410, -0.4662, -13.6470

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

49.9668, -2.1114, -2.9869

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0410, -0.4662, -13.6470 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(124, 137, 169)` looks like.

```
.text, #text, p{  
    color:rgb(124, 137, 169)  
}
```

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(124, 137, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 137, 169) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0410, -0.4662, -13.6470 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(124, 137, 169) }
```


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

```
.border{ border-color:rgb(124, 137, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 137, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 137, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 137, 169);  
box-shadow:4px 4px 4px 4px rgb(124, 137,  
169) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0410, -0.4662, -13.6470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 137, 169) }
```

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

```
.background{ background-color: rgb(124,  
137, 169) }
```

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