

Converting Colors

HunterLab(49.3002, 14.7500,
-51.6993)

Have a look what the booklet for
HunterLab(49.3002, 14.7500,
-51.6993) contains.

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Color

**HunterLab(49.3678, 14.7480,
-51.4769)**

Conversions

Conversions Part 1

Format	Color
Hex	7480DD
RGB	116, 128, 221
RGB Percent	45%, 50%, 87%
CMY	0.5451, 0.4980, 0.1333
CMYK	0.48, 0.42, 0.00, 0.13
HSL	233°, 61%, 66%
HSV	233°, 48%, 87%
XYZ	27.9728, 24.3718, 71.6365
YIQ	135.0140, -37.0050, 26.3790

Conversions

Conversions Part 2

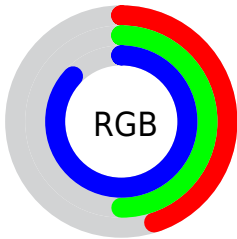
Format	Color
RYB	116, 127, 221
Decimal	7635165
CIELab	56.46, 20.27, -49.02
CIElCh	56, 53.044, 292.461
Yxy	24.3726, 0.2256, 0.1966
Android (android.graphics.Color)	4285825245 (0xFF7480DD)
YUV	135.0140, 42.3911, -16.6753
Hunter-Lab	49.3678, 14.7480, -51.4769

Details

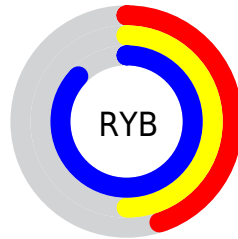
The HunterLab color $49.3678, 14.7480, -51.4769$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $78.8898, -11.8624, 35.9848$, and the grayscale version is $49.0765, -2.6186, 2.6664$.

A 20% lighter version of the original color is $70.1085, 9.2148, -36.6469$, and $30.3449, 13.5581, -50.6168$ is the 20% darker color. If you saturate the color by 10%, you get $42.9075, 20.8659, -67.7208$, and if you desaturate by 10%, it is $56.2850, 9.5606, -37.2094$.

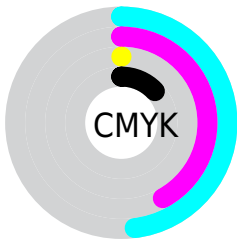
Distribution



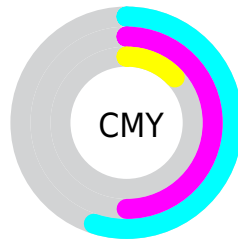
- Red (45%)
- Green (50%)
- Blue (87%)



- Red (45%)
- Yellow (50%)
- Blue (87%)



- Cyan (48%)
- Magenta (42%)
- Yellow (0%)
- Black (13%)



- Cyan (55%)
- Magenta (50%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.3678, 14.7480, -51.4769 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 49.3678, 14.7480, -51.4769 by changing the saturation by 10% instead.

■ 49.3678, 14.7480,
-51.4769

■ 49.3678, 14.7480,
-51.4769

165.7405, 16.2743,
-57.5588

■ 39.5098, 14.1952,
-50.9424

■ 71.1601, 15.5691,
-52.8732

■ 30.4118, 13.5290,
-50.6928

■ 83.0115, 15.8574,
-53.6181

■ 22.1446, 12.7310,
-51.0362

■ 95.4562, 16.0746,
-54.3546

■ 14.8018, 11.7788,
-52.7203

108.4673, 16.2267,
-55.0679

■ 8.4561, 10.9563,
-58.5440

122.0211, 16.3187,
-55.7493

0.0000, INF, -NF

0.0000, NaN, -NF

136.0967, 16.3550,

-56.3934

0.0000, NaN, -NF

150.6755, 16.3391,
-56.9971

0.0000, NaN, NaN

■ 49.3678, 14.7480,
-51.4769

■ 49.3678, 14.7480,
-51.4769

■ 42.9075, 20.8659,
-67.7208

■ 56.2850, 9.5606,
-37.2094

■ 37.0282, 28.0910,
-86.2259

■ 63.5675, 5.1108,
-24.5445

■ 31.9085, 36.4480,
-106.8089

■ 71.1530, 1.2352,
-13.1362

■ 27.7807, 45.4975,
-128.0807

■ 78.9956, -2.1947,
-2.7045

■ 24.8818, 53.9337,
-146.7289

■ 87.0612, -5.2766,
6.9680

■ 24.3445, 55.6803,
-150.6264

■ 95.3236, -8.0849,
16.0481

■ 98.9952, -10.8686,
19.8399

Harmonies

Analogous

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



49.3687, -8.1122, -56.8748



49.3678, 14.7480, -51.4769



49.3687, 35.9639, -28.9991

Triad

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



49.3687, 14.7482, -51.4755



49.3687, 26.1492, 25.2561



49.3687, -38.2202, 7.7225

Complementary

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



49.3678, 14.7480, -51.4769



78.8898, -11.8624, 35.9848

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.



49.3687, -32.1234, 21.5753



49.3678, 14.7480, -51.4769



49.3687, 3.0881, 28.3692

Square

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



49.3687, 14.7482, -51.4755



49.3687, 43.3153, 15.8172



49.3687, -17.9061, 27.4084



49.3687, -36.2090, -15.4745

Rectangle

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



49.3678, 14.7480, -51.4769



49.3687, 45.0002, -11.1789



49.3687, -17.9061, 27.4084



49.3687, -37.0946, 13.4226

Sweetspot

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



49.3687, 14.7482, -51.4755



86.7783, 0.0300, -11.1664



77.4711, -32.9561, 1.1187



39.2272, 0.4322, -6.4277

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.3687, 14.7482, -51.4755



50.4979, 24.4979, -79.5344



49.8052, 31.3142, -50.1964



35.8546, -0.7247, -2.1483



18.7786, 41.5507, -113.1677



5.5706, 7.8141, -23.8312

Inverse Universe

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



54.2427, 36.5786, 11.7414



58.1803, 53.3074, 16.5795



79.2264, -30.4838, 35.9189



36.1602, 1.4662, 2.5647



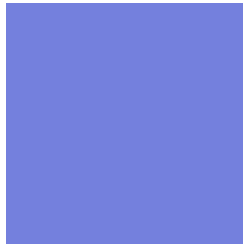
29.9662, 51.4844, 18.0741



7.6812, 13.3040, 3.8036

Previews

White Background



This preview shows how the HunterLab color 49.3678, 14.7480, -51.4769 looks on a white background.

Color Contrast Check

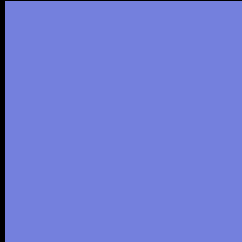
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.3678, 14.7480, -51.4769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

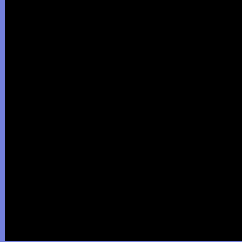
Any Text WCAG AA ✓ Pass

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 49.3678, 14.7480, -51.4769 Background



This preview shows how black text looks on a background with the HunterLab color 49.3678, 14.7480, -51.4769.



This preview shows how white text looks on a background with the HunterLab color 49.3678, 14.7480, -51.4769.

-51.4769.

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

49.3678, 14.7480, -51.4769

Protanopia

49.4774, 9.9987, -54.6988

Deuteranopia

49.6061, 4.0352, -49.4632



Tritanopia

49.4619, -12.6527, -6.3898

Trichromacy



Original Color

49.3678, 14.7480, -51.4769

Protanomaly

49.5555, 11.5402, -53.6360

Deuteranomaly

49.4259, 7.8712, -50.6296

Tritanomaly

49.2695, -3.9165, -20.3947

Monochromacy



Original Color

49.3678, 14.7480, -51.4769

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

48.8312, 2.4087, -13.6716

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.3678, 14.7480, -51.4769 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(116, 128, 221)` looks like.

```
.text, #text, p{  
    color:rgb(116, 128, 221)  
}
```

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(116, 128, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 128, 221) }
```

Border

The CSS property to change the border of an element to HunterLab 49.3678, 14.7480, -51.4769 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(116, 128, 221) }
```


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

```
.border{ border-color:rgb(116, 128, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 128, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 128, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 128, 221);  
box-shadow:4px 4px 4px 4px rgb(116, 128,  
221) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.3678, 14.7480, -51.4769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 128, 221) }
```

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

```
.background{ background-color: rgb(116,  
128, 221) }
```

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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