

Converting Colors

HunterLab(50.0399, 1.3530,
-43.8849)

Have a look what the booklet for
HunterLab(50.0399, 1.3530,
-43.8849) contains.

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Color

**HunterLab(49.9123, 1.5062,
-43.9962)**

Conversions

Conversions Part 1

Format	Color
Hex	558AD5
RGB	85, 138, 213
RGB Percent	33%, 54%, 84%
CMY	0.6666, 0.4588, 0.1647
CMYK	0.60, 0.35, 0.00, 0.16
HSL	215°, 60%, 58%
HSV	215°, 60%, 84%
XYZ	24.8451, 24.9124, 66.4500
YIQ	130.7030, -55.6630, 12.0890

Conversions

Conversions Part 2

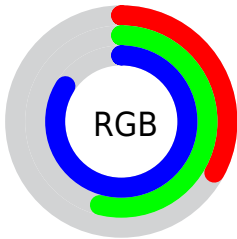
Format	Color
R _Y B	85, 122, 213
Decimal	5606101
CIE Lab	56.99, 5.08, -43.80
CIE LCh	57, 44.094, 276.622
Yxy	24.9132, 0.2138, 0.2144
Android (android.graphics.Color)	4283796181 (0xFF558AD5)
YUV	130.7030, 40.5724, -40.0815
Hunter-Lab	49.9123, 1.5062, -43.9962

Details

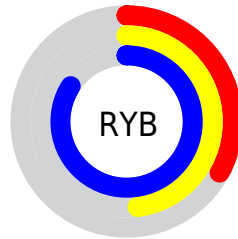
The HunterLab color $49.9123, 1.5062, -43.9962$ is a dark color, and the websafe version is hex $6699CC$. The color can be described as middle muted azure. A complement of this color would be $63.2028, 7.0323, 31.0048$, and the grayscale version is $47.3861, -2.5284, 2.5746$.

A 20% lighter version of the original color is $71.0006, -3.1176, -35.3077$, and $31.0054, 1.8368, -42.7192$ is the 20% darker color. If you saturate the color by 10%, you get $45.4794, 4.8166, -53.9591$, and if you desaturate by 10%, it is $54.6390, -0.9623, -34.6585$.

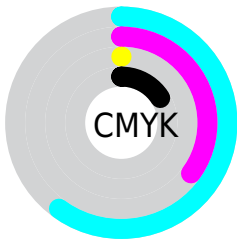
Distribution



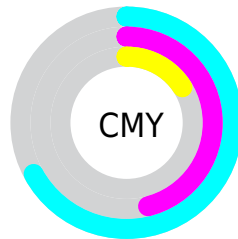
- Red (33%)
- Green (54%)
- Blue (84%)



- Red (33%)
- Yellow (48%)
- Blue (84%)



- Cyan (60%)
- Magenta (35%)
- Yellow (0%)
- Black (16%)



- Cyan (67%)
- Magenta (46%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9123, 1.5062, -43.9962 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 49.9123, 1.5062, -43.9962 by changing the saturation by 10% instead.

■ 49.9123, 1.5062,
-43.9962

■ 49.9123, 1.5062,
-43.9962

166.5550, -2.7159,
-49.4523

■ 40.0155, 1.7488,
-43.3755

■ 71.7749, 0.8598,
-45.3865

■ 30.8755, 1.9277,
-42.9245

■ 83.6586, 0.4649,
-46.0787

■ 22.5619, 2.0332,
-42.8550

■ 96.1341, 0.0273,
-46.7434

■ 15.1671, 2.0501,
-43.6808

■ 109.1747, -0.4502,
-47.3717

■ 8.7973, 2.0512,
-47.1272

122.7567, -0.9652,
-47.9586

0.0000, NaN, -NF

0.0000, NaN, -NF

136.8595, -1.5156,

-48.5017

0.0000, NaN, -NF

151.4645, -2.0997,
-48.9996

0.0000, NaN, NaN

■ 49.9123, 1.5062,
-43.9962

■ 49.9123, 1.5062,
-43.9962

■ 45.4794, 4.8166,
-53.9591

■ 54.6390, -0.9623,
-34.6585

■ 41.3813, 9.0718,
-64.5371

■ 59.6191, -2.7044,
-25.9142

■ 37.6652, 14.3327,
-75.6337

■ 64.8215, -3.8274,
-17.7038

■ 34.3730, 20.4211,
-87.0467

■ 70.2196, -4.4258,
-9.9616

■ 75.7915, -4.5798,
-2.6233

■ 81.5189, -4.3560,
4.3698

■ 87.3868, -3.8096,
11.0696

■ 93.3410, -3.1288,
17.4750

■ 97.2835, -9.6263,
21.4110

Harmonies

Analogous

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



49.9131, -16.0227, -39.4432



49.9123, 1.5062, -43.9962



49.9131, 20.3987, -32.8276

Triad

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



49.9131, 1.5066, -43.9950



49.9131, 29.2451, 18.9926



49.9131, -31.3238, 14.3745

Complementary

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



49.9123, 1.5062, -43.9962



63.2028, 7.0323, 31.0048

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.



49.9131, -22.1791, 22.9728



49.9123, 1.5062, -43.9962



49.9131, 12.2623, 24.8795

Square

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



49.9131, 1.5066, -43.9950



49.9131, 37.8536, 6.4670



49.9131, -6.7057, 26.0099



49.9131, -33.3380, -1.3488

Rectangle

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



49.9123, 1.5062, -43.9962



49.9131, 30.6816, -19.7398



49.9131, -6.7057, 26.0099



49.9131, -29.0541, 17.9897

Sweetspot

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



49.9131, 1.5066, -43.9950



87.3695, -5.5010, -10.4616



72.1437, -42.4796, 16.5029



39.5048, -2.4875, -6.0926

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.9131, 1.5066, -43.9950



54.3806, 7.1694, -69.5141



37.1097, 31.4946, -77.1589



35.8398, -2.1531, -1.0102



27.2175, 15.1523, -66.7289



7.7971, 1.4180, -12.8069

Inverse Universe

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



47.4124, 49.8421, 0.0187



52.8557, 72.3670, 2.6789



78.0053, -22.3634, 41.1416



35.3627, 1.8894, 1.2565



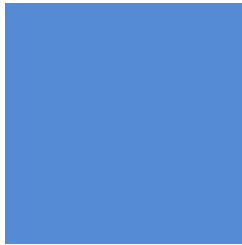
30.1541, 53.1373, 7.8760



7.5146, 13.4479, 0.3681

Previews

White Background



This preview shows how the HunterLab color 49.9123, 1.5062, -43.9962 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 49.9123, 1.5062, -43.9962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

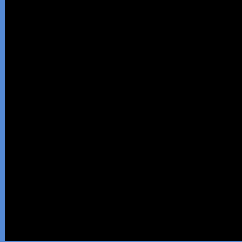
Any Text WCAG AA ✓ Pass

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 49.9123, 1.5062, -43.9962 Background



This preview shows how black text looks on a background with the HunterLab color 49.9123, 1.5062, -43.9962.

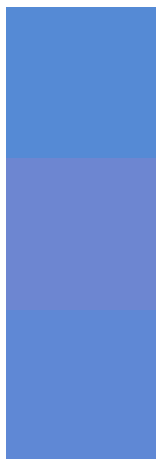


This preview shows how white text looks on a background with the HunterLab color 49.9123, 1.5062, -43.9962.

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

49.9123, 1.5062, -43.9962

Protanopia

49.9048, 6.8813, -40.7943

Deuteranopia

49.8451, 4.2098, -44.0911



Tritanopia

50.0602, -19.4826, -9.4292

Trichromacy



Original Color

49.9123, 1.5062, -43.9962

Protanomaly

49.6894, 4.8355, -42.0503

Deuteranomaly

49.9195, 3.0013, -43.9547

Tritanomaly

49.8479, -12.4312, -20.8606

Monochromacy



Original Color

49.9123, 1.5062, -43.9962

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

48.1672, -3.1438, -11.8790

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9123, 1.5062, -43.9962 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(85, 138, 213)` looks like.

```
.text, #text, p{  
    color:rgb(85, 138, 213)  
}
```

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(85, 138, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 138, 213) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9123, 1.5062, -43.9962 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(85, 138, 213) }
```


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

```
.border{ border-color:rgb(85, 138, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 138, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 138, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 138, 213);  
box-shadow:4px 4px 4px 4px rgb(85, 138,  
213) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9123, 1.5062, -43.9962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 138, 213) }
```

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

```
.background{ background-color: rgb(85, 138,  
213) }
```

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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