

Converting Colors

HunterLab(49.9226, -15.1159,
-3.9735)

Have a look what the booklet for
HunterLab(49.9226, -15.1159,
-3.9735) contains.

HunterLab(50.0869, -15.3134, -3.5607)	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(50.0869,
-15.3134, -3.5607)**

Conversions

Conversions Part 1

Format	Color
Hex	5D9296
RGB	93, 146, 150
RGB Percent	36%, 57%, 59%
CMY	0.6353, 0.4274, 0.4118
CMYK	0.38, 0.03, 0.00, 0.41
HSL	184°, 23%, 48%
HSV	184°, 38%, 59%
XYZ	20.2982, 25.0870, 32.6266
YIQ	130.6090, -32.8720, -9.9920

Conversions

Conversions Part 2

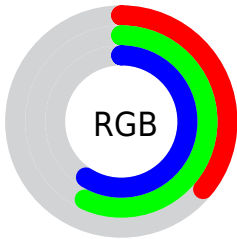
Format	Color
R_{YB}	93, 120, 150
Decimal	6132374
CIE _{Lab}	57.16, -16.48, -7.70
CIE _{LCh}	57, 18.188, 205.030
Yxy	25.0880, 0.2602, 0.3216
Android (android.graphics.Color)	4284322454 (0xFF5D9296)
YUV	130.6090, 9.5598, -32.9831
Hunter-Lab	50.0869, -15.3134, -3.5607

Details

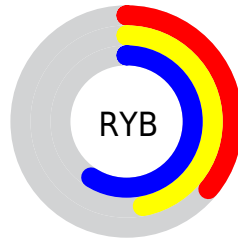
The HunterLab color $50.0869, -15.3134, -3.5607$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $39.7795, 14.8741, 9.3362$, and the grayscale version is $47.4607, -2.5324, 2.5786$.

A 20% lighter version of the original color is $71.9578, -18.2486, -3.0493$, and $30.9139, -12.1863, -3.8041$ is the 20% darker color. If you saturate the color by 10%, you get $49.0485, -17.5440, -4.9633$, and if you desaturate by 10%, it is $51.2591, -12.6326, -2.0109$.

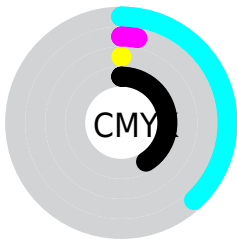
Distribution



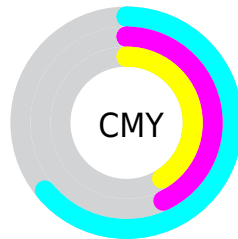
- Red (36%)
- Green (57%)
- Blue (59%)



- Red (36%)
- Yellow (47%)
- Blue (59%)



- Cyan (38%)
- Magenta (3%)
- Yellow (0%)
- Black (41%)



- Cyan (64%)
- Magenta (43%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0869, -15.3134, -3.5607 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 50.0869, -15.3134, -3.5607 by changing the saturation by 10% instead.

■ 50.0869, -15.3134,
-3.5607

■ 50.0869, -15.3134,
-3.5607

166.8160,
-28.3431, -0.0015

■ 40.1779, -13.7905,
-3.7094

■ 71.9721, -18.2694,
-3.0855

■ 31.0244, -12.2165,
-3.7913

■ 83.8661, -19.7205,
-2.7707

■ 22.6961, -10.5654,
-3.7963

■ 96.3515, -21.1619,
-2.4095

■ 15.2846, -8.7915,
-3.7126

■ 109.4014,
-22.5980, -2.0050

■ 8.9038, -8.5408,
-3.5593

122.9925,
-24.0319, -1.5598

0.0000, NaN, -NF

0.0000, NaN, NaN

137.1040,

-25.4662, -1.0762

0.0000, NaN, NaN

151.7174,
-26.9027, -0.5562

0.0000, NaN, NaN

■ 50.0869, -15.3134,
-3.5607

■ 50.0869, -15.3134,
-3.5607

■ 49.0485, -17.5440,
-4.9633

■ 51.2591, -12.6326,
-2.0109

■ 48.1400, -19.3079,
-6.2122

■ 52.5611, -9.5237,
-0.3274

■ 47.3595, -20.6013,
-7.3014

■ 53.9916, -6.0165,
1.4779

■ 46.7013, -21.4337,
-8.2307

■ 55.5472, -2.1441,
3.3916

■ 46.1566, -21.8313,
-9.0056

■ 57.2237, 2.0587,
5.4005

■ 45.7022, -21.8796,
-9.6549

■ 59.0161, 6.5571,
7.4917

■ 45.6139, -21.8795,
-9.7819

■ 60.9192, 11.3176,
9.6534

■ 62.9277, 16.3085,
11.8747

■ 65.0361, 21.5007,
14.1462

Harmonies

Analogous

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



50.0879, -16.4981, 3.9230



50.0869, -15.3134, -3.5607



50.0879, -10.8270, -10.1431

Triad

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



50.0879, -15.3139, -3.5599



50.0879, 9.9522, -5.9710



50.0879, -1.3951, 14.7552

Complementary

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



50.0869, -15.3134, -3.5607



39.7795, 14.8741, 9.3362

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.



50.0879, 6.0337, 12.8873



50.0869, -15.3134, -3.5607



50.0879, 12.8310, 1.4996

Square

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



50.0879, -15.3139, -3.5599



50.0879, 3.6989, -11.6750



50.0879, 11.3559, 8.2907



50.0879, -8.7458, 13.8163

Rectangle

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



50.0869, -15.3134, -3.5607



50.0879, -6.4170, -12.7557



50.0879, 11.3559, 8.2907



50.0879, 1.1797, 14.4441

Sweetspot

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



50.0879, -15.3139, -3.5599



71.0947, -9.5470, 1.1749



49.9997, -24.7761, 17.0224



33.3598, -4.7613, 0.4164



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



50.0879, -15.3139, -3.5599



65.3003, -23.0125, -6.3996



41.7327, -2.6162, -15.3244



25.4820, -3.0565, 0.5950



41.5635, -19.9541, -8.8755



4.7775, -2.4264, -0.7336

Inverse Universe

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



40.4830, 24.7518, -14.4505



50.0865, 41.5065, -24.4266



46.9236, 1.2901, 15.8507



24.2945, 1.7004, -0.5667



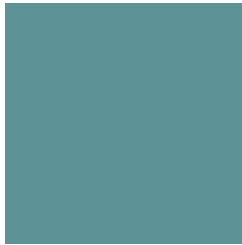
26.3388, 51.0270, -28.8797



2.9429, 5.7460, -3.5732

Previews

White Background



This preview shows how the HunterLab color 50.0869, -15.3134, -3.5607 looks on a white background.

Color Contrast Check

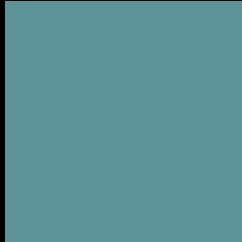
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.0869, -15.3134, -3.5607 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 50.0869, -15.3134, -3.5607 Background



This preview shows how black text looks on a background with the HunterLab color 50.0869, -15.3134, -3.5607.



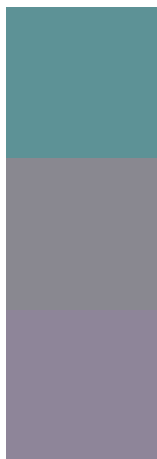
This preview shows how white text looks on a background with the HunterLab color 50.0869,

-15.3134, -3.5607.

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

50.0869, -15.3134, -3.5607

Protanopia

49.9403, -1.0599, -0.5710

Deuteranopia

49.8254, 3.4165, -5.0996



Tritanopia

50.1179, -13.1601, -7.0840

Trichromacy



Original Color

50.0869, -15.3134, -3.5607

Protanomaly

49.8963, -7.0000, -1.6905

Deuteranomaly

49.7283, -4.2213, -4.8491

Tritanomaly

49.9636, -13.9327, -5.7351

Monochromacy



Original Color

50.0869, -15.3134, -3.5607

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

48.1925, -7.5637, -0.0180

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0869, -15.3134, -3.5607 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(93, 146, 150)` looks like.

```
.text, #text, p{  
    color:rgb(93, 146, 150)  
}
```

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(93, 146, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 146, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0869, -15.3134, -3.5607 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(93, 146, 150) }
```


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

```
.border{ border-color:rgb(93, 146, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 146, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 146, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 146, 150);  
box-shadow:4px 4px 4px 4px rgb(93, 146,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0869, -15.3134, -3.5607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 146, 150) }
```

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

```
.background{ background-color: rgb(93, 146,  
150) }
```

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