

Converting Colors

HunterLab(51.9197, -1.2642,
6.4433)

Have a look what the booklet for
HunterLab(51.9197, -1.2642, 6.4433)
contains.

HunterLab(51.8065, -1.0570, 6.5088)	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(51.8065, -1.0570,
6.5088)**

Conversions

Conversions Part 1

Format	Color
Hex	958C85
RGB	149, 140, 133
RGB Percent	58%, 55%, 52%
CMY	0.4157, 0.4510, 0.4784
CMYK	0.00, 0.06, 0.11, 0.42
HSL	26°, 7%, 55%
HSV	26°, 11%, 58%
XYZ	26.0061, 26.8391, 26.0000
YIQ	141.8930, 7.6110, -0.2690

Conversions

Conversions Part 2

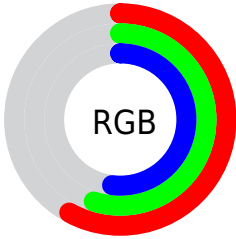
Format	Color
RYB	149, 145, 133
Decimal	9800837
CIELab	58.83, 2.08, 4.93
CIElCh	59, 5.349, 67.159
Yxy	26.8403, 0.3298, 0.3404
Android (android.graphics.Color)	4287990917 (0xFF958C85)
YUV	141.8930, -4.3842, 6.2328
Hunter-Lab	51.8065, -1.0570, 6.5088

Details

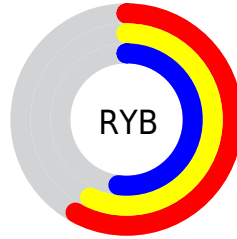
The HunterLab color $51.8065, -1.0570, 6.5088$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $51.4800, -4.2015, -1.0995$, and the grayscale version is $51.9824, -2.7736, 2.8243$.

A 20% lighter version of the original color is $74.0441, -2.3310, 8.3870$, and $32.4794, -0.2685, 4.6978$ is the 20% darker color. If you saturate the color by 10%, you get $49.0928, 0.8821, 9.5286$, and if you desaturate by 10%, it is $54.6118, -2.8037, 3.2301$.

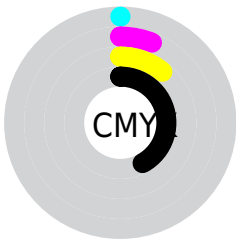
Distribution



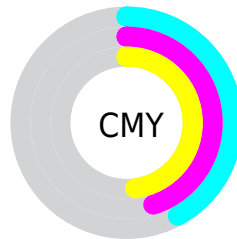
- Red (58%)
- Green (55%)
- Blue (52%)



- Red (58%)
- Yellow (57%)
- Blue (52%)



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (42%)



- Cyan (42%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8065, -1.0570, 6.5088 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 51.8065, -1.0570, 6.5088 by changing the saturation by 10% instead.

■ 51.8065, -1.0570,
6.5088

■ 51.8065, -1.0570,
6.5088

169.3762, -6.5195,
14.8121

■ 41.7772, -0.6394,
5.6878

■ 73.9104, -2.0267,
8.2106

■ 32.4934, -0.2695,
4.8826

■ 85.9049, -2.5696,
9.0916

■ 24.0221, 0.0452,
4.0900

■ 98.4860, -3.1483,
9.9933

■ 16.4503, 0.2957,
3.3023

111.6277, -3.7609,
10.9159

■ 9.9010, 0.4682,
2.6237

125.3068, -4.4057,
11.8592

0.0000, NaN, NaN

139.5031, -5.0812,

0.0000, NaN, NaN

12.8232

0.0000, NaN, NaN

154.1984, -5.7862,
13.8075

0.0000, NaN, NaN

■ 51.8065, -1.0570,
6.5088

■ 51.8065, -1.0570,
6.5088

■ 49.0928, 0.8821,
9.5286

■ 54.6118, -2.8037,
3.2301

■ 46.4759, 3.0336,
12.2539

■ 57.4978, -4.3698,
-0.2807

■ 43.9665, 5.4104,
14.6481

■ 60.4587, -5.7724,
-3.9978

■ 41.5754, 8.0235,
16.6704

■ 63.4888, -7.0263,
-7.8993

■ 39.3145, 10.8780,
18.2778

■ 66.5828, -8.1452,
-11.9668

■ 37.1963, 13.9690,
19.4290

■ 69.7362, -9.1417,
-16.1842

■ 35.2340, 17.2777,
20.0900

■ 72.9448, -10.0270,
-20.5377

■ 33.4403, 20.7646,
20.2452

■ 76.2050, -10.8113,
-25.0156

■ 31.9294, 24.0512,
20.0958

■ 79.0064, -14.3385,
-22.5656

Harmonies

Analogous

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



51.8076, 0.7648, 5.2706



51.8065, -1.0570, 6.5088



51.8076, -3.3110, 6.7806

Triad

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



51.8076, -1.0584, 6.5096



51.8076, -7.0356, 2.2989



51.8076, -0.0988, -0.6065

Complementary

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



51.8065, -1.0570, 6.5088



51.4800, -4.2015, -1.0995

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.



51.8076, -2.2209, -1.4802



51.8065, -1.0570, 6.5088



51.8076, -6.2068, 0.2435

Square

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



51.8076, -1.0584, 6.5096



51.8076, -6.7364, 4.4092



51.8076, -4.4539, -1.1626



51.8076, 1.3254, 1.1789

Rectangle

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



51.8065, -1.0570, 6.5088



51.8076, -4.7484, 6.3869



51.8076, -4.4539, -1.1626



51.8076, -0.7556, -1.0200

Sweetspot

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



51.8076, -1.0584, 6.5096



72.2013, -3.2316, 5.3710



50.1198, 3.7123, 0.6437



33.8538, -1.4396, 2.6887



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.



51.8076, -1.0584, 6.5096



68.4011, -0.7860, 9.7663



54.0760, -4.8227, 8.9068



24.9160, -0.6390, 2.8718



29.3899, 21.8243, 18.4920



4.0340, 0.7342, 2.4986

Inverse Universe

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



51.4800, -4.2015, -1.0995



67.8609, -5.9667, -2.7787



49.2193, -0.4284, -3.9306



24.7820, -1.9253, -0.2418



26.8228, 1.3066, -36.3469



3.8323, -1.2039, -2.1912

Previews

White Background



This preview shows how the HunterLab color 51.8065, -1.0570, 6.5088 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 51.8065, -1.0570, 6.5088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

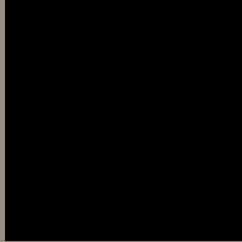
Any Text WCAG AA ✓ Pass

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 51.8065, -1.0570, 6.5088 Background



This preview shows how black text looks on a background with the HunterLab color 51.8065, -1.0570, 6.5088.



This preview shows how white text looks on a background with the HunterLab color 51.8065, -1.0570,

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

51.8065, -1.0570, 6.5088

Protanopia

51.8478, -2.3165, 6.1162

Deuteranopia

51.8475, 3.4246, 6.2163



Tritanopia

51.8598, 2.8542, -0.0254

Trichromacy



Original Color

51.8065, -1.0570, 6.5088

Protanomaly

51.9365, -2.0090, 6.2203

Deuteranomaly

51.8331, 1.9601, 6.1747

Tritanomaly

51.8965, 1.2515, 2.3114

Monochromacy



Original Color

51.8065, -1.0570, 6.5088

Achromatopsia

52.0094, -2.7751, 2.8258

Achromatomaly

51.8976, -1.8688, 4.0409

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8065, -1.0570, 6.5088 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(149, 140, 133)` looks like.

```
.text, #text, p{  
    color:rgb(149, 140, 133)  
}
```

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(149, 140, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 140, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8065, -1.0570, 6.5088 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(149, 140, 133) }
```


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

```
.border{ border-color:rgb(149, 140, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 140, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 140, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 140, 133);  
box-shadow:4px 4px 4px 4px rgb(149, 140,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8065, -1.0570, 6.5088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 140, 133) }
```

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

```
.background{ background-color: rgb(149,  
140, 133) }
```

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