

Converting Colors

HunterLab(51.7688, -12.8363,
5.5311)

Have a look what the booklet for
HunterLab(51.7688, -12.8363,
5.5311) contains.

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Color

**HunterLab(51.8180,
-12.9306, 5.4767)**

Conversions

Conversions Part 1

Format	Color
Hex	779487
RGB	119, 148, 135
RGB Percent	47%, 58%, 53%
CMY	0.5333, 0.4196, 0.4706
CMYK	0.20, 0.00, 0.09, 0.42
HSL	153°, 12%, 52%
HSV	153°, 20%, 58%
XYZ	22.5708, 26.8511, 26.9149
YIQ	137.8470, -13.1110, -10.1910

Conversions

Conversions Part 2

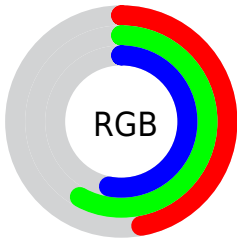
Format	Color
R_{YB}	119, 138, 148
Decimal	7836807
CIE _{Lab}	58.84, -12.94, 3.51
CIE _{LCh}	59, 13.411, 164.825
Yxy	26.8522, 0.2957, 0.3517
Android (android.graphics.Color)	4286026887 (0xFF779487)
YUV	137.8470, -1.4036, -16.5288
Hunter-Lab	51.8180, -12.9306, 5.4767

Details

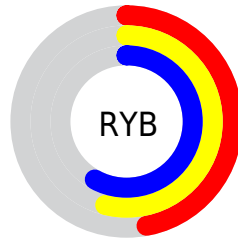
The HunterLab color $51.8180, -12.9306, 5.4767$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $45.9958, 8.6698, 0.3534$, and the grayscale version is $50.3627, -2.6872, 2.7363$.

A 20% lighter version of the original color is $73.9206, -15.3584, 7.1203$, and $32.4151, -10.2488, 4.0748$ is the 20% darker color. If you saturate the color by 10%, you get $50.6992, -17.4524, 6.9046$, and if you desaturate by 10%, it is $53.0801, -7.9934, 4.1422$.

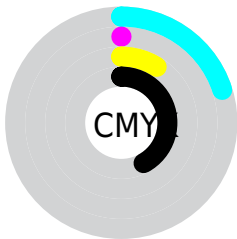
Distribution



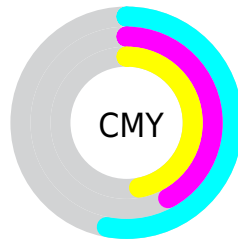
- Red (47%)
- Green (58%)
- Blue (53%)



- Red (47%)
- Yellow (54%)
- Blue (58%)



- Cyan (20%)
- Magenta (0%)
- Yellow (9%)
- Black (42%)



- Cyan (53%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8180, -12.9306, 5.4767 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 51.8180, -12.9306, 5.4767 by changing the saturation by 10% instead.

■ 51.8180, -12.9306,
5.4767

■ 51.8180, -12.9306,
5.4767

169.3932,
-24.4692, 13.2229

■ 41.7878, -11.6331,
4.7371

■ 73.9233, -15.4883,
7.0320

■ 32.5032, -10.3080,
4.0208

■ 85.9184, -16.7592,
7.8460

■ 24.0310, -8.9386,
3.3270

■ 98.5002, -18.0306,
8.6843

■ 16.4581, -7.4950,
2.6520

111.6424,
-19.3050, 9.5462

■ 9.9076, -6.2777,
2.0293

125.3221,
-20.5847, 10.4315

0.0000, NaN, NaN

139.5190,

0.0000, NaN, NaN

-21.8712, 11.3397

0.0000, NaN, NaN

154.2148,
-23.1657, 12.2703

0.0000, NaN, NaN

■ 51.8180, -12.9306,
5.4767

■ 51.8180, -12.9306,
5.4767

■ 50.6992, -17.4524,
6.9046

■ 53.0801, -7.9934,
4.1422

■ 49.7223, -21.5156,
8.4108

■ 54.4791, -2.6823,
2.9089

■ 48.8883, -25.0876,
9.9799

■ 56.0119, 2.9560,
1.7842

■ 48.1953, -28.1450,
11.5932

■ 57.6734, 8.8765,
0.7719

■ 47.6388, -30.6776,
13.2295

■ 59.4579, 15.0365,
-0.1266

■ 47.2118, -32.6914,
14.8663

■ 61.3596, 21.3969,
-0.9122

■ 46.9037, -34.2119,
16.4794

■ 63.3723, 27.9226,
-1.5871

■ 46.6826, -35.3597,
18.0285

■ 65.4900, 34.5828,
-2.1552

■ 46.6741, -35.4040,
18.0884

■ 67.7066, 41.3510,
-2.6211

Harmonies

Analogous

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



51.8191, -10.2732, 9.6868



51.8180, -12.9306, 5.4767



51.8191, -12.9475, 0.0801

Triad

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



51.8191, -12.9315, 5.4774



51.8191, 0.0679, -8.3100



51.8191, 5.2409, 9.6482

Complementary

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



51.8180, -12.9306, 5.4767



45.9958, 8.6698, 0.3534

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.



51.8191, 8.2641, 5.4193



51.8180, -12.9306, 5.4767



51.8191, 5.1909, -5.1362

Square

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



51.8191, -12.9315, 5.4774



51.8191, -5.6068, -8.2901



51.8191, 8.2454, 0.0153



51.8191, 0.1339, 11.9117

Rectangle

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



51.8180, -12.9306, 5.4767



51.8191, -11.4652, -3.4967



51.8191, 8.2454, 0.0153



51.8191, 6.5442, 8.4309

Sweetspot

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



51.8191, -12.9315, 5.4774



71.1314, -8.2185, 4.9168



52.3665, -11.7281, 12.3020



33.9353, -4.1181, 2.3949



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.



51.8191, -12.9315, 5.4774



68.0809, -20.1822, 8.1871



51.7581, -10.1595, -0.3804



25.5319, -3.7439, 1.9662



43.1420, -32.6802, 16.6233



4.8348, -3.2353, 0.9410

Inverse Universe

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



45.9958, 8.6698, 0.3534



58.4955, 15.4337, -0.2163



46.0108, 6.0492, 5.9672



24.1992, 1.1890, 0.7882



23.9219, 42.4087, 4.2825



2.7539, 5.0801, -1.0412

Previews

White Background



This preview shows how the HunterLab color 51.8180, -12.9306, 5.4767 looks on a white background.

Color Contrast Check

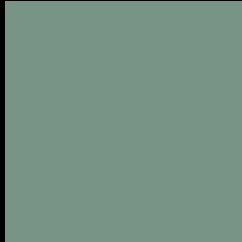
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.8180, -12.9306, 5.4767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

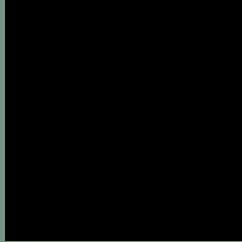
Any Text WCAG AA ✓ Pass

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 51.8180, -12.9306, 5.4767 Background



This preview shows how black text looks on a background with the HunterLab color 51.8180, -12.9306, 5.4767.



This preview shows how white text looks on a background with the HunterLab color 51.8180,

-12.9306, 5.4767.

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

51.8180, -12.9306, 5.4767

Protanopia

51.7682, -2.7526, 7.2584

Deuteranopia

51.7353, 3.2113, 4.8123



Tritanopia

51.8286, -7.0287, -4.1670

Trichromacy



Original Color

51.8180, -12.9306, 5.4767

Protanomaly

51.8138, -6.9894, 6.8255

Deuteranomaly

51.6401, -2.9298, 5.0260

Tritanomaly

51.8010, -9.1560, -0.3082

Monochromacy



Original Color

51.8180, -12.9306, 5.4767

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

50.9681, -6.7230, 3.7574

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8180, -12.9306, 5.4767 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(119, 148, 135)` looks like.

```
.text, #text, p{  
    color:rgb(119, 148, 135)  
}
```

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(119, 148, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 148, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8180, -12.9306, 5.4767 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(119, 148, 135) }
```


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

```
.border{ border-color:rgb(119, 148, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 148, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 148, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 148, 135);  
box-shadow:4px 4px 4px 4px rgb(119, 148,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8180, -12.9306, 5.4767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 148, 135) }
```

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

```
.background{ background-color: rgb(119,  
148, 135) }
```

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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