

Converting Colors

HunterLab(49.9226, -10.6016,
5.1286)

Have a look what the booklet for
HunterLab(49.9226, -10.6016,
5.1286) contains.

HunterLab(49.9778, -10.6167, 5.1365)	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(49.9778,
-10.6167, 5.1365)**

Conversions

Conversions Part 1

Format	Color
Hex	788E83
RGB	120, 142, 131
RGB Percent	47%, 56%, 51%
CMY	0.5294, 0.4431, 0.4863
CMYK	0.15, 0.00, 0.08, 0.44
HSL	150°, 9%, 51%
HSV	150°, 15%, 56%
XYZ	21.5155, 24.9778, 25.1600
YIQ	134.1680, -9.5810, -8.0850

Conversions

Conversions Part 2

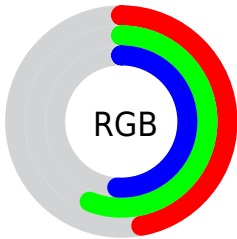
Format	Color
R_{YB}	120, 135, 142
Decimal	7900803
CIE Lab	57.05, -10.16, 3.23
CIE LCh	57, 10.663, 162.386
Yxy	24.9789, 0.3003, 0.3486
Android (android.graphics.Color)	4286090883 (0xFF788E83)
YUV	134.1680, -1.5618, -12.4253
Hunter-Lab	49.9778, -10.6167, 5.1365

Details

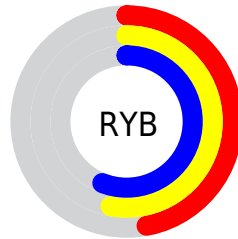
The HunterLab color $49.9778, -10.6167, 5.1365$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $45.6323, 6.0814, 0.3239$, and the grayscale version is $48.9021, -2.6093, 2.6569$.

A 20% lighter version of the original color is $71.9105, -13.1369, 6.6921$, and $30.9888, -8.4450, 3.6744$ is the 20% darker color. If you saturate the color by 10%, you get $48.8382, -15.1990, 6.7182$, and if you desaturate by 10%, it is $51.2541, -5.6514, 3.6241$.

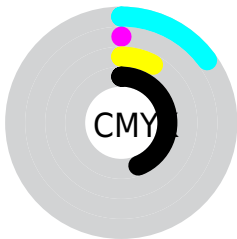
Distribution



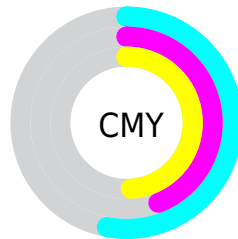
- Red (47%)
- Green (56%)
- Blue (51%)



- Red (47%)
- Yellow (53%)
- Blue (56%)



- Cyan (15%)
- Magenta (0%)
- Yellow (8%)
- Black (44%)



- Cyan (53%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9778, -10.6167, 5.1365 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 49.9778, -10.6167, 5.1365 by changing the saturation by 10% instead.

■ 49.9778, -10.6167,
5.1365

■ 49.9778, -10.6167,
5.1365

166.6531,
-20.9907, 12.7336

■ 40.0766, -9.4866,
4.4175

■ 71.8491, -12.8711,
6.6537

■ 30.9314, -8.3426,
3.7232

■ 83.7366, -14.0026,
7.4500

■ 22.6123, -7.1719,
3.0529

■ 96.2158, -15.1412,
8.2713

■ 15.2113, -5.9506,
2.4033

109.2599,
-16.2887, 9.1169

■ 8.8375, -5.4833,
1.9946

122.8454,
-17.4465, 9.9865

0.0000, NaN, NaN

136.9515,

0.0000, NaN, NaN

-18.6156, 10.8794

0.0000, NaN, NaN

151.5596,
-19.7968, 11.7953

0.0000, NaN, NaN

■ 49.9778, -10.6167,
5.1365

■ 49.9778, -10.6167,
5.1365

■ 48.8382, -15.1990,
6.7182

■ 51.2541, -5.6514,
3.6241

■ 47.8345, -19.3534,
8.3531

■ 52.6602, -0.3448,
2.1899

■ 46.9688, -23.0440,
10.0252

■ 54.1927, 5.2573,
0.8427

■ 46.2402, -26.2425,
11.7155

■ 55.8464, 11.1119,
-0.4124

■ 45.6456, -28.9318,
13.4030

■ 57.6155, 17.1787,
-1.5723

■ 45.1796, -31.1093,
15.0656

■ 59.4943, 23.4214,
-2.6365

■ 44.8337, -32.7900,
16.6806

■ 61.4767, 29.8079,
-3.6057

■ 44.5929, -34.0213,
18.2228

■ 63.5570, 36.3103,
-4.4823

■ 44.4993, -34.5089,
18.8746

■ 65.7295, 42.9048,
-5.2694

Harmonies

Analogous

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



49.9789, -8.3449, 8.4025



49.9778, -10.6167, 5.1365



49.9789, -10.8080, 0.9307

Triad

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



49.9789, -10.6177, 5.1372



49.9789, -0.8083, -5.9634



49.9789, 3.8537, 7.9353

Complementary

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



49.9778, -10.6167, 5.1365



45.6323, 6.0814, 0.3239

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.



49.9789, 6.0257, 4.4464



49.9778, -10.6167, 5.1365



49.9789, 3.2712, -3.7185

Square

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



49.9789, -10.6177, 5.1372



49.9789, -5.2495, -5.7370



49.9789, 5.8088, 0.1767



49.9789, -0.0359, 9.9175

Rectangle

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



49.9778, -10.6167, 5.1365



49.9789, -9.7378, -1.8707



49.9789, 5.8088, 0.1767



49.9789, 4.8150, 6.9136

Sweetspot

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



49.9789, -10.6177, 5.1372



68.1301, -7.2377, 4.7362



50.5548, -9.0943, 10.1524



32.1466, -3.6192, 2.2952



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



49.9789, -10.6177, 5.1372



65.7547, -16.5364, 7.6309



50.2814, -8.9172, 0.8193



24.6405, -3.6527, 2.0257



42.1686, -32.6707, 17.8195



4.1767, -2.8651, 0.9645

Inverse Universe

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



45.6323, 6.0814, 0.3239



58.5706, 11.0905, -0.3121



45.3314, 4.4837, 4.6172



23.3800, 1.1851, 0.6275



23.6127, 42.1834, 1.7243



2.4031, 4.4642, -1.1513

Previews

White Background



This preview shows how the HunterLab color 49.9778, -10.6167, 5.1365 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 49.9778, -10.6167, 5.1365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

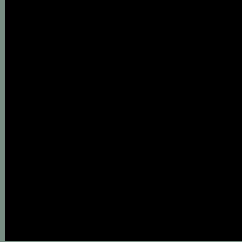
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

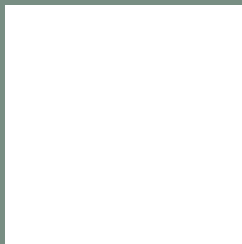
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 49.9778, -10.6167, 5.1365 Background



This preview shows how black text looks on a background with the HunterLab color 49.9778, -10.6167, 5.1365.



This preview shows how white text looks on a background with the HunterLab color 49.9778,

-10.6167, 5.1365.

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

49.9778, -10.6167, 5.1365

Protanopia

49.8293, -2.3562, 6.3638

Deuteranopia

49.7748, 3.4352, 4.2988



Tritanopia

49.8781, -5.3122, -3.6573

Trichromacy



Original Color

49.9778, -10.6167, 5.1365

Protanomaly

49.7478, -5.5236, 5.8051

Deuteranomaly

49.8495, -2.0705, 4.7168

Tritanomaly

49.8768, -7.2546, -0.2842

Monochromacy



Original Color

49.9778, -10.6167, 5.1365

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

49.2462, -5.5958, 3.5313

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9778, -10.6167, 5.1365 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(120, 142, 131)` looks like.

```
.text, #text, p{  
    color:rgb(120, 142, 131)  
}
```

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(120, 142, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 142, 131) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9778, -10.6167, 5.1365 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(120, 142, 131) }
```


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

```
.border{ border-color:rgb(120, 142, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 142, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 142, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 142, 131);  
box-shadow:4px 4px 4px 4px rgb(120, 142,  
131) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9778, -10.6167, 5.1365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 142, 131) }
```

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

```
.background{ background-color: rgb(120,  
142, 131) }
```

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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