

Converting Colors

HunterLab(48.9196, -10.3566,
-19.6576)

Have a look what the booklet for
HunterLab(48.9196, -10.3566,
-19.6576) contains.

HunterLab(48.8330, -10.2101, -19.9580)	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(48.8330,
-10.2101, -19.9580)**

Conversions

Conversions Part 1

Format	Color
Hex	4F8DB0
RGB	79, 141, 176
RGB Percent	31%, 55%, 69%
CMY	0.6902, 0.4471, 0.3098
CMYK	0.55, 0.20, 0.00, 0.31
HSL	202°, 38%, 50%
HSV	202°, 55%, 69%
XYZ	20.5858, 23.8466, 44.5922
YIQ	126.4520, -48.1870, -2.2590

Conversions

Conversions Part 2

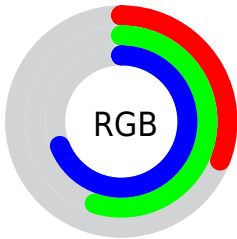
Format	Color
R _Y B	79, 117, 176
Decimal	5213616
CIE Lab	55.93, -9.79, -24.50
CIE LCh	56, 26.382, 248.220
Yxy	23.8475, 0.2312, 0.2679
Android (android.graphics.Color)	4283403696 (0xFF4F8DB0)
YUV	126.4520, 24.4272, -41.6154
Hunter-Lab	48.8330, -10.2101, -19.9580

Details

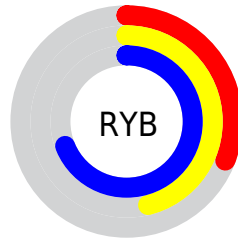
The HunterLab color $48.8330, -10.2101, -19.9580$ is a dark color, and the websafe version is hex $3399CC$. A complement of this color would be $46.7228, 15.0207, 19.6654$, and the grayscale version is $45.7758, -2.4425, 2.4871$.

A 20% lighter version of the original color is $70.7158, -12.5061, -20.6529$, and $29.9612, -8.0985, -18.7620$ is the 20% darker color. If you saturate the color by 10%, you get $46.2282, -9.8462, -24.3672$, and if you desaturate by 10%, it is $51.6059, -10.0187, -15.5669$.

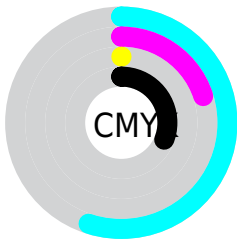
Distribution



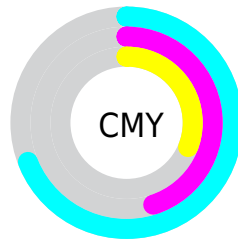
- Red (31%)
- Green (55%)
- Blue (69%)



- Red (31%)
- Yellow (46%)
- Blue (69%)



- Cyan (55%)
- Magenta (20%)
- Yellow (0%)
- Black (31%)



- Cyan (69%)
- Magenta (45%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.8330, -10.2101, -19.9580 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 48.8330, -10.2101, -19.9580 by changing the saturation by 10% instead.

■ 48.8330, -10.2101,
-19.9580

■ 48.8330, -10.2101,
-19.9580

164.9389,
-20.4187, -21.5834

■ 39.0135, -9.1012,
-19.4925

■ 70.5558, -12.4222,
-20.7119

■ 29.9571, -7.9802,
-18.9824

■ 82.3752, -13.5342,
-20.9991

■ 21.7357, -6.8336,
-18.4600

■ 94.7896, -14.6541,
-21.2281

■ 14.4447, -5.6369,
-18.0214

■ 107.7716,
-15.7835, -21.4012

■ 8.1057, -5.6953,
-18.4193

■ 121.2975,
-16.9238, -21.5209

0.0000, NaN, -NF

0.0000, NaN, -NF

135.3463,

-18.0760, -21.5896

0.0000, NaN, NaN

149.8990,
-19.2408, -21.6097

0.0000, NaN, NaN

■ 48.8330, -10.2101,
-19.9580

■ 48.8330, -10.2101,
-19.9580

■ 46.2282, -9.8462,
-24.3672

■ 51.6059, -10.0187,
-15.5669

■ 43.7981, -8.8897,
-28.7708

■ 54.5336, -9.3178,
-11.2170

■ 41.5498, -7.3208,
-33.1376

■ 57.6062, -8.1559,
-6.9215

■ 39.4828, -5.1520,
-37.4418

■ 60.8129, -6.5809,
-2.6888

■ 38.5131, -3.9683,
-39.5716

■ 64.1436, -4.6377,
1.4770

■ 67.5888, -2.3673,
5.5750

■ 71.1400, 0.1938,
9.6067

■ 74.7893, 3.0132,
13.5751

■ 78.5297, 6.0628,
17.4843

Harmonies

Analogous

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



48.8339, -18.1375, -11.4985



48.8330, -10.2101, -19.9580



48.8339, 0.4524, -21.7394

Triad

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



48.8339, -10.2101, -19.9571



48.8339, 20.1352, 5.4480



48.8339, -15.0159, 15.9694

Complementary

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



48.8330, -10.2101, -19.9580



46.7228, 15.0207, 19.6654

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.



48.8339, -5.5954, 18.6717



48.8330, -10.2101, -19.9580



48.8339, 15.1423, 13.5387

Square

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



48.8339, -10.2101, -19.9571



48.8339, 18.6232, -5.4111



48.8339, 5.4891, 17.8928



48.8339, -20.7363, 9.5491

Rectangle

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



48.8330, -10.2101, -19.9580



48.8339, 7.7998, -18.5988



48.8339, 5.4891, 17.8928



48.8339, -12.2116, 17.2699

Sweetspot

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



48.8339, -10.2101, -19.9571



80.9389, -9.3708, -4.8597



58.2278, -35.2892, 19.3681



37.2855, -4.5632, -2.7768



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



48.8339, -10.2101, -19.9571



61.5678, -13.0630, -34.0301



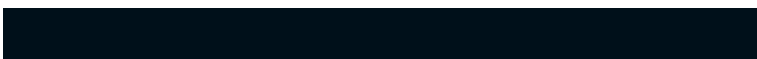
35.6699, 12.7639, -46.0708



30.1752, -2.6459, -0.1311



33.1613, -3.6760, -33.5133



6.7221, -1.9210, -4.2551

Inverse Universe

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



40.9219, 39.6557, -10.6013



50.2817, 64.3804, -15.6195



59.5337, -7.8184, 29.1798



29.3149, 1.7789, 0.2757



27.6591, 50.5411, -6.7323



5.0139, 9.3506, -2.6830

Previews

White Background



This preview shows how the HunterLab color 48.8330, -10.2101, -19.9580 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 48.8330, -10.2101, -19.9580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

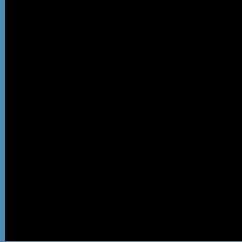
Any Text WCAG AA ✓ Pass

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 48.8330, -10.2101, -19.9580 Background



This preview shows how black text looks on a background with the HunterLab color 48.8330, -10.2101, -19.9580.



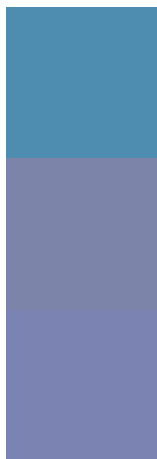
This preview shows how white text looks on a background with the HunterLab color 48.8330,

-10.2101, -19.9580.

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

48.8330, -10.2101, -19.9580

Protanopia

48.6335, 1.9690, -15.7587

Deuteranopia

48.5639, 3.8819, -21.4294



Tritanopia

48.6687, -17.0525, -8.6257

Trichromacy



Original Color

48.8330, -10.2101, -19.9580

Protanomaly

48.4713, -2.7224, -17.9210

Deuteranomaly

48.5453, -2.0617, -20.9241

Tritanomaly

48.7290, -14.7337, -12.3915

Monochromacy



Original Color

48.8330, -10.2101, -19.9580

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

46.3653, -6.2325, -5.2798

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.8330, -10.2101, -19.9580 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(79, 141, 176)` looks like.

```
.text, #text, p{  
    color:rgb(79, 141, 176)  
}
```

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(79, 141, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 141, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 48.8330, -10.2101, -19.9580 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(79, 141, 176) }
```


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

```
.border{ border-color:rgb(79, 141, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 141, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 141, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 141, 176);  
box-shadow:4px 4px 4px 4px rgb(79, 141,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.8330, -10.2101, -19.9580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 141, 176) }
```

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

```
.background{ background-color: rgb(79, 141,  
176) }
```

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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