

Converting Colors

HunterLab(52.0620, -16.0643,
-1.6246)

Have a look what the booklet for
HunterLab(52.0620, -16.0643,
-1.6246) contains.

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Color

**HunterLab(51.9810,
-16.1132, -1.6466)**

Conversions

Conversions Part 1

Format	Color
Hex	639797
RGB	99, 151, 151
RGB Percent	39%, 59%, 59%
CMY	0.6118, 0.4078, 0.4078
CMYK	0.34, 0.00, 0.00, 0.41
HSL	180°, 21%, 49%
HSV	180°, 34%, 59%
XYZ	21.7981, 27.0202, 33.3447
YIQ	135.4520, -30.9920, -11.0240

Conversions

Conversions Part 2

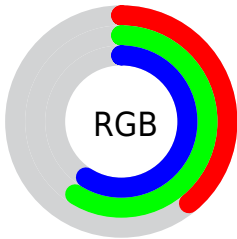
Format	Color
R _Y B	99, 125, 151
Decimal	6526871
CIE Lab	58.99, -17.19, -5.51
CIE LCh	59, 18.055, 197.769
Yxy	27.0213, 0.2653, 0.3289
Android (android.graphics.Color)	4284716951 (0xFF639797)
YUV	135.4520, 7.6652, -31.9684
Hunter-Lab	51.9810, -16.1132, -1.6466

Details

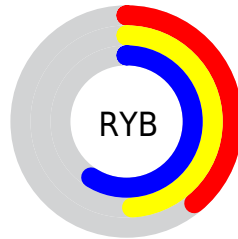
The HunterLab color $51.9810, -16.1132, -1.6466$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $40.5026, 14.9598, 7.9381$, and the grayscale version is $49.3816, -2.6349, 2.6830$.

A 20% lighter version of the original color is $73.9904, -18.9927, -1.0223$, and $32.6540, -12.9958, -1.9975$ is the 20% darker color. If you saturate the color by 10%, you get $51.2336, -18.9313, -2.6439$, and if you desaturate by 10%, it is $52.8705, -12.8256, -0.4799$.

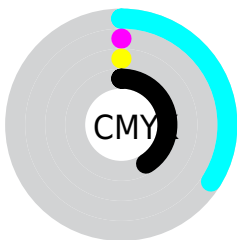
Distribution



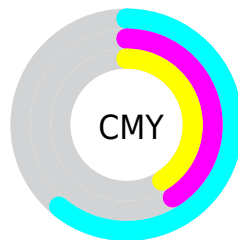
- Red (39%)
- Green (59%)
- Blue (59%)



- Red (39%)
- Yellow (49%)
- Blue (59%)



- Cyan (34%)
- Magenta (0%)
- Yellow (0%)
- Black (41%)



- Cyan (61%)
- Magenta (41%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.9810, -16.1132, -1.6466 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 51.9810, -16.1132, -1.6466 by changing the saturation by 10% instead.

■ 51.9810, -16.1132,
-1.6466

■ 51.9810, -16.1132,
-1.6466

169.6350,
-29.4333, 2.7465

■ 41.9395, -14.5532,
-1.9104

■ 74.1067, -19.1407,
-0.9586

■ 32.6427, -12.9414,
-2.1144

■ 86.1113, -20.6258,
-0.5448

■ 24.1572, -11.2528,
-2.2495

■ 98.7020, -22.1003,
-0.0886

■ 16.5693, -9.4438,
-2.3043

■ 111.8528,
-23.5685, 0.4073

■ 10.0016, -8.1033,
-2.2623

125.5408,
-25.0336, 0.9405

0.0000, NaN, -NF

0.0000, NaN, NaN

139.7457,

-26.4981, 1.5092

0.0000, NaN, NaN

154.4492,
-27.9641, 2.1117

0.0000, NaN, NaN

■ 51.9810, -16.1132,
-1.6466

■ 51.9810, -16.1132,
-1.6466

■ 51.2336, -18.9313,
-2.6439

■ 52.8705, -12.8256,
-0.4799

■ 50.6226, -21.2652,
-3.4700

■ 53.8995, -9.0897,
0.8463

■ 50.1443, -23.1140,
-4.1239

■ 55.0683, -4.9360,
2.3225

■ 49.7916, -24.4900,
-4.6102

■ 56.3745, -0.3998,
3.9370

■ 49.5546, -25.4210,
-4.9391

■ 57.8146, 4.4811,
5.6766

■ 49.4193, -25.9547,
-5.1275

■ 59.3842, 9.6678,
7.5280

■ 49.3644, -26.1717,
-5.2040

■ 61.0784, 15.1220,
9.4782

■ 62.8918, 20.8074,
11.5144

■ 64.8187, 26.6905,
13.6251

Harmonies

Analogous

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



51.9820, -16.4445, 5.7205



51.9810, -16.1132, -1.6466



51.9820, -12.3406, -8.6924

Triad

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



51.9820, -16.1138, -1.6458



51.9820, 8.6241, -7.5334



51.9820, 0.3916, 14.7784

Complementary

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



51.9810, -16.1132, -1.6466



40.5026, 14.9598, 7.9381

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.



51.9820, 7.5335, 12.1991



51.9810, -16.1132, -1.6466



51.9820, 12.4683, -0.2377

Square

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



51.9820, -16.1138, -1.6458



51.9820, 1.8106, -12.4163



51.9820, 12.0580, 6.9393



51.9820, -7.2097, 14.5152

Rectangle

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



51.9810, -16.1132, -1.6466



51.9820, -8.2502, -11.9373



51.9820, 12.0580, 6.9393



51.9820, 2.9336, 14.2325

Sweetspot

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



51.9820, -16.1138, -1.6458



72.7689, -9.8746, 1.9458



50.7315, -23.4752, 17.0531



34.5974, -5.0459, 0.8075



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



51.9820, -16.1138, -1.6458



68.8054, -24.4098, -3.2108



44.4697, -4.8635, -11.7204



26.5077, -3.3952, 0.7765



45.5302, -24.1389, -4.7998



5.5670, -2.9514, -0.5870

Inverse Universe

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



40.5026, 14.9598, 7.9381



50.4932, 25.5651, 12.2136



46.8293, 2.8210, 13.9593



24.9453, 0.7738, 2.0607



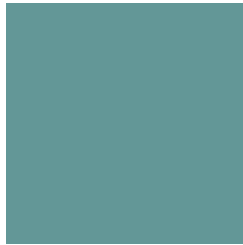
23.6584, 40.5158, 15.2872



2.8927, 4.9539, 1.8690

Previews

White Background



This preview shows how the HunterLab color 51.9810, -16.1132, -1.6466 looks on a white background.

Color Contrast Check

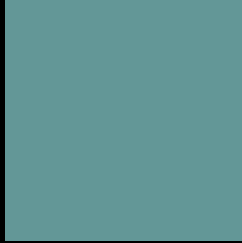
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.9810, -16.1132, -1.6466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

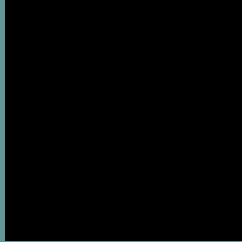
Any Text WCAG AA ✓ Pass

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 51.9810, -16.1132, -1.6466 Background



This preview shows how black text looks on a background with the HunterLab color 51.9810, -16.1132, -1.6466.



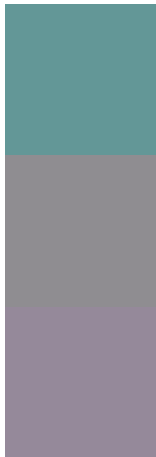
This preview shows how white text looks on a background with the HunterLab color 51.9810,

-16.1132, -1.6466.

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

51.9810, -16.1132, -1.6466

Protanopia

51.8977, -1.5210, 1.3488

Deuteranopia

51.5887, 3.7392, -3.2815



Tritanopia

51.8583, -12.7550, -6.8187

Trichromacy



Original Color

51.9810, -16.1132, -1.6466

Protanomaly

51.8357, -7.5700, 0.2350

Deuteranomaly

51.4502, -4.0568, -3.0968

Tritanomaly

51.9747, -14.1669, -4.6093

Monochromacy



Original Color

51.9810, -16.1132, -1.6466

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

50.1103, -8.0484, 0.9213

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.9810, -16.1132, -1.6466 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(99, 151, 151)` looks like.

```
.text, #text, p{  
    color:rgb(99, 151, 151)  
}
```

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(99, 151, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 151, 151) }
```

Border

The CSS property to change the border of an element to HunterLab 51.9810, -16.1132, -1.6466 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(99, 151, 151) }
```


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

```
.border{ border-color:rgb(99, 151, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 151, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 151, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 151, 151);  
box-shadow:4px 4px 4px 4px rgb(99, 151,  
151) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.9810, -16.1132, -1.6466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 151, 151) }
```

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

```
.background{ background-color: rgb(99, 151,  
151) }
```

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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