

Converting Colors

HunterLab(51.0864, -11.6493,
0.0020)

Have a look what the booklet for
HunterLab(51.0864, -11.6493,
0.0020) contains.

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Color

**HunterLab(51.1007,
-11.8801, 0.1990)**

Conversions

Conversions Part 1

Format	Color
Hex	719291
RGB	113, 146, 145
RGB Percent	44%, 57%, 57%
CMY	0.5569, 0.4274, 0.4314
CMYK	0.23, 0.00, 0.01, 0.43
HSL	178°, 13%, 51%
HSV	178°, 23%, 57%
XYZ	22.1998, 26.1128, 30.6583
YIQ	136.0190, -19.3470, -7.3070

Conversions

Conversions Part 2

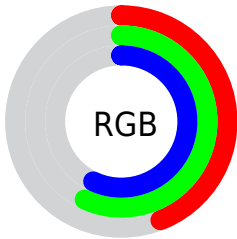
Format	Color
RYB	113, 130, 146
Decimal	7443089
CIELab	58.14, -11.67, -3.25
CIELCh	58, 12.110, 195.575
Yxy	26.1139, 0.2811, 0.3307
Android (android.graphics.Color)	4285633169 (0xFF719291)
YUV	136.0190, 4.4276, -20.1877
Hunter-Lab	51.1007, -11.8801, 0.1990

Details

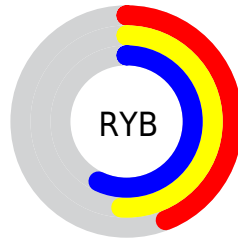
The HunterLab color $51.1007, -11.8801, 0.1990$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $43.7458, 8.3065, 5.5235$, and the grayscale version is $49.6157, -2.6474, 2.6957$.

A 20% lighter version of the original color is $73.1704, -14.1499, 1.0567$, and $31.7815, -9.1574, -0.7741$ is the 20% darker color. If you saturate the color by 10%, you get $50.2080, -15.2078, -0.7512$, and if you desaturate by 10%, it is $52.1298, -8.1339, 1.3076$.

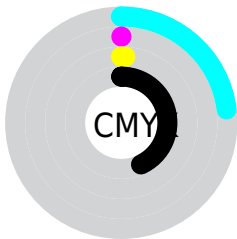
Distribution



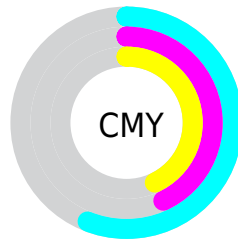
- Red (44%)
- Green (57%)
- Blue (57%)



- Red (44%)
- Yellow (51%)
- Blue (57%)



- Cyan (23%)
- Magenta (0%)
- Yellow (1%)
- Black (43%)



- Cyan (56%)
- Magenta (43%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.1007, -11.8801, 0.1990 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 51.1007, -11.8801, 0.1990 by changing the saturation by 10% instead.

■ 51.1007, -11.8801,
0.1990

■ 51.1007, -11.8801,
0.1990

168.3273,
-22.8847, 5.3739

■ 41.1204, -10.6593,
-0.1726

■ 73.1154, -14.2985,
1.0861

■ 31.8897, -9.4174,
-0.4911

■ 85.0689, -15.5054,
1.5928

■ 23.4766, -8.1395,
-0.7486

■ 97.6109, -16.7159,
2.1380

■ 15.9699, -6.7984,
-0.9350

■ 110.7151,
-17.9322, 2.7195

■ 9.4963, -5.8617,
-1.0347

124.3583,
-19.1561, 3.3354

0.0000, NaN, -NF

138.5200,

0.0000, NaN, NaN

-20.3888, 3.9841

0.0000, NaN, NaN

153.1818,
-21.6314, 4.6640

0.0000, NaN, NaN

■ 51.1007, -11.8801,
0.1990

■ 51.1007, -11.8801,
0.1990

■ 50.2080, -15.2078,
-0.7512

■ 52.1298, -8.1339,
1.3076

■ 49.4484, -18.0906,
-1.5388

■ 53.2909, -3.9972,
2.5632

■ 48.8209, -20.5139,
-2.1597

■ 54.5826, 0.4944,
3.9559

■ 48.3216, -22.4729,
-2.6142

■ 56.0013, 5.3042,
5.4740

■ 47.9442, -23.9755,
-2.9072

■ 57.5427, 10.3950,
7.1053

■ 47.6799, -25.0442,
-3.0482

■ 59.2020, 15.7307,
8.8375

■ 47.5167, -25.7181,
-3.0524

■ 60.9738, 21.2771,
10.6590

■ 47.4329, -26.0717,
-3.0057

■ 62.8528, 27.0030,
12.5587

■ 64.8335, 32.8802,
14.5267

Harmonies

Analogous

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



51.1017, -11.9284, 5.0625



51.1007, -11.8801, 0.1990



51.1017, -9.4468, -4.3772

Triad

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



51.1017, -11.8809, 0.1998



51.1017, 4.5014, -4.2258



51.1017, -0.2509, 11.0539

Complementary

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



51.1007, -11.8801, 0.1990



43.7458, 8.3065, 5.5235

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.



51.1017, 4.3540, 9.0344



51.1007, -11.8801, 0.1990



51.1017, 7.1701, 0.3905

Square

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



51.1017, -11.8809, 0.1998



51.1017, -0.0562, -7.0988



51.1017, 7.1151, 5.2354



51.1017, -5.3488, 11.0137

Rectangle

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



51.1007, -11.8801, 0.1990



51.1017, -6.7412, -6.5122



51.1017, 7.1151, 5.2354



51.1017, 1.4102, 10.6028

Sweetspot

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



51.1017, -11.8809, 0.1998



70.0578, -7.8638, 2.6240



50.3341, -16.4041, 12.3253



33.0073, -3.8369, 1.1988



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



51.1017, -11.8809, 0.1998



67.2627, -18.0360, -0.3857



46.5964, -4.6915, -5.9734



25.6110, -3.3038, 0.8375



44.4959, -24.4528, -2.8293



4.9305, -2.6585, -0.4237

Inverse Universe

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



43.7458, 8.3065, 5.5235



55.4607, 14.4541, 8.1929



47.7986, 0.7767, 10.0875



24.1207, 0.7661, 1.9088



23.2097, 39.7867, 14.6915



2.5787, 4.4425, 1.4623

Previews

White Background



This preview shows how the HunterLab color 51.1007, -11.8801, 0.1990 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 51.1007, -11.8801, 0.1990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

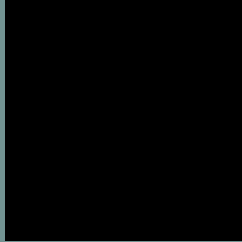
Any Text WCAG AA ✓ Pass

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 51.1007, -11.8801, 0.1990 Background



This preview shows how black text looks on a background with the HunterLab color 51.1007, -11.8801, 0.1990.



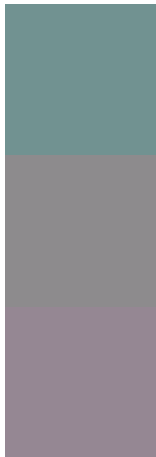
This preview shows how white text looks on a background with the HunterLab color 51.1007,

-11.8801, 0.1990.

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

51.1007, -11.8801, 0.1990

Protanopia

51.0402, -1.8025, 2.1469

Deuteranopia

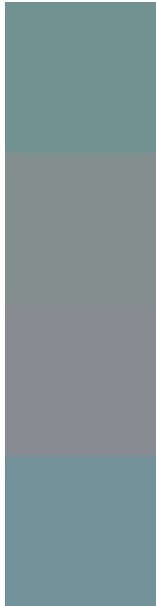
50.8174, 3.5376, -0.8306



Tritanopia

50.9820, -8.5352, -5.3125

Trichromacy



Original Color

51.1007, -11.8801, 0.1990

Protanomaly

51.1119, -5.9247, 1.7054

Deuteranomaly

50.7689, -2.4441, -0.5177

Tritanomaly

51.0835, -9.9629, -3.1750

Monochromacy



Original Color

51.1007, -11.8801, 0.1990

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

50.2090, -6.3095, 1.9842

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.1007, -11.8801, 0.1990 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(113, 146, 145)` looks like.

```
.text, #text, p{  
    color:rgb(113, 146, 145)  
}
```

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(113, 146, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 146, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 51.1007, -11.8801, 0.1990 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(113, 146, 145) }
```


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

```
.border{ border-color:rgb(113, 146, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 146, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 146, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 146, 145);  
box-shadow:4px 4px 4px 4px rgb(113, 146,  
145) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.1007, -11.8801, 0.1990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 146, 145) }
```

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

```
.background{ background-color: rgb(113,  
146, 145) }
```

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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