

Converting Colors

HunterLab(49.3159, -11.3863,
3.5107)

Have a look what the booklet for
HunterLab(49.3159, -11.3863,
3.5107) contains.

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Color

**HunterLab(49.3159,
-11.3863, 3.5107)**

Conversions

Conversions Part 1

Format	Color
Hex	728D85
RGB	114, 141, 133
RGB Percent	45%, 55%, 52%
CMY	0.5529, 0.4470, 0.4784
CMYK	0.19, 0.00, 0.06, 0.45
HSL	162°, 11%, 50%
HSV	162°, 19%, 55%
XYZ	20.6979, 24.3206, 25.7937
YIQ	132.0150, -13.5240, -8.2120

Conversions

Conversions Part 2

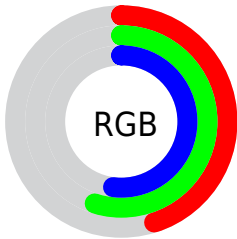
Format	Color
RYB	114, 130, 141
Decimal	7507333
CIELab	56.41, -11.29, 1.09
CIElCh	56, 11.339, 174.482
Yxy	24.3216, 0.2923, 0.3435
Android (android.graphics.Color)	4285697413 (0xFF728D85)
YUV	132.0150, 0.4856, -15.7992
Hunter-Lab	49.3159, -11.3863, 3.5107

Details

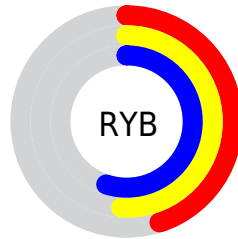
The HunterLab color $49.3159, -11.3863, 3.5107$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $43.7071, 7.2981, 2.0815$, and the grayscale version is $48.0442, -2.5635, 2.6103$.

A 20% lighter version of the original color is $71.1916, -14.0026, 4.9345$, and $30.4074, -9.0608, 2.2238$ is the 20% darker color. If you saturate the color by 10%, you get $48.3059, -15.3591, 4.0815$, and if you desaturate by 10%, it is $50.4569, -7.0360, 3.0786$.

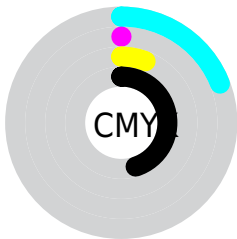
Distribution



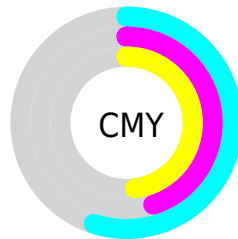
- Red (45%)
- Green (55%)
- Blue (52%)



- Red (45%)
- Yellow (51%)
- Blue (55%)



- Cyan (19%)
- Magenta (0%)
- Yellow (6%)
- Black (45%)



- Cyan (55%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.3159, -11.3863, 3.5107 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 49.3159, -11.3863, 3.5107 by changing the saturation by 10% instead.

■ 49.3159, -11.3863,
3.5107

■ 49.3159, -11.3863,
3.5107

165.6630,
-22.2250, 10.2620

■ 39.4618, -10.1864,
2.9147

■ 71.1017, -13.7645,
4.8062

■ 30.3678, -8.9652,
2.3542

■ 82.9499, -14.9521,
5.5012

■ 22.1050, -7.7075,
1.8322

■ 95.3918, -16.1437,
6.2260

■ 14.7672, -6.3842,
1.3511

■ 108.4001,
-17.3416, 6.9796

■ 8.4228, -6.2890,
0.9951

121.9512,
-18.5475, 7.7608

0.0000, NaN, NaN

136.0242,

0.0000, NaN, NaN

-19.7627, 8.5689

0.0000, NaN, NaN

150.6004,
-20.9883, 9.4029

0.0000, NaN, NaN

■ 49.3159, -11.3863,
3.5107

■ 49.3159, -11.3863,
3.5107

■ 48.3059, -15.3591,
4.0815

■ 50.4569, -7.0360,
3.0786

■ 47.4249, -18.9190,
4.7846

■ 51.7233, -2.3424,
2.7845

■ 46.6736, -22.0407,
5.6133

■ 53.1128, 2.6549,
2.6278

■ 46.0498, -24.7068,
6.5569

■ 54.6209, 7.9173,
2.6053

■ 45.5492, -26.9116,
7.6016

■ 56.2430, 13.4076,
2.7119

■ 45.1651, -28.6633,
8.7305

■ 57.9738, 19.0912,
2.9416

■ 44.8878, -29.9866,
9.9236

■ 59.8080, 24.9365,
3.2873

■ 44.6880, -30.9912,
11.1418

■ 61.7402, 30.9157,
3.7416

■ 44.6717, -31.0736,
11.2433

■ 63.7651, 37.0043,
4.2969

Harmonies

Analogous

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



49.3169, -9.8395, 7.4632



49.3159, -11.3863, 3.5107



49.3169, -10.6624, -1.0477

Triad

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



49.3169, -11.3872, 3.5114



49.3169, 1.2024, -5.8815



49.3169, 2.7767, 9.2364

Complementary

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



49.3159, -11.3863, 3.5107



43.7071, 7.2981, 2.0815

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.



49.3169, 5.9431, 6.1459



49.3159, -11.3863, 3.5107



49.3169, 5.0104, -2.6262

Square

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



49.3169, -11.3872, 3.5114



49.3169, -3.5080, -6.7548



49.3169, 6.7756, 1.8429



49.3169, -1.7540, 10.5624

Rectangle

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



49.3159, -11.3863, 3.5107



49.3169, -8.9735, -3.7892



49.3169, 6.7756, 1.8429



49.3169, 4.0427, 8.3844

Sweetspot

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



49.3169, -11.3872, 3.5114



68.0154, -7.5639, 3.9813



49.4070, -12.0266, 11.1294



32.1013, -3.7348, 1.8928



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.



49.3169, -11.3872, 3.5114



65.3865, -17.6118, 5.0079



47.9554, -7.6324, -1.7404



24.6768, -3.4502, 1.5065



42.6589, -29.6507, 10.6874



4.2174, -2.6179, 0.3798

Inverse Universe

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



43.7071, 7.2981, 2.0815



56.2405, 12.9011, 2.7038



44.9081, 3.5580, 6.7161



23.3426, 0.9837, 1.1609



23.0584, 40.1542, 9.7376



2.3310, 4.2050, -0.1460

Previews

White Background



This preview shows how the HunterLab color 49.3159, -11.3863, 3.5107 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 49.3159, -11.3863, 3.5107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

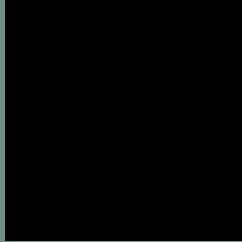
Any Text WCAG AA ✓ Pass

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 49.3159, -11.3863, 3.5107 Background



This preview shows how black text looks on a background with the HunterLab color 49.3159, -11.3863, 3.5107.



This preview shows how white text looks on a background with the HunterLab color 49.3159, -11.3863, 3.5107.

-11.3863, 3.5107.

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

49.3159, -11.3863, 3.5107

Protanopia

49.1163, -1.8757, 5.1616

Deuteranopia

49.2725, 3.2622, 2.8367



Tritanopia

49.4461, -6.8445, -4.2499

Trichromacy



Original Color

49.3159, -11.3863, 3.5107

Protanomaly

49.2431, -5.7728, 4.8144

Deuteranomaly

49.2782, -2.4881, 3.1849

Tritanomaly

49.4801, -8.6153, -1.2782

Monochromacy



Original Color

49.3159, -11.3863, 3.5107

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

48.3258, -5.9456, 2.8915

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.3159, -11.3863, 3.5107 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(114, 141, 133)` looks like.

```
.text, #text, p{  
    color:rgb(114, 141, 133)  
}
```

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(114, 141, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 141, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 49.3159, -11.3863, 3.5107 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(114, 141, 133) }
```


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

```
.border{ border-color:rgb(114, 141, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 141, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 141, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 141, 133);  
box-shadow:4px 4px 4px 4px rgb(114, 141,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.3159, -11.3863, 3.5107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 141, 133) }
```

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

```
.background{ background-color: rgb(114,  
141, 133) }
```

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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