

Converting Colors

HunterLab(49.8263, -16.5140,
-3.6883)

Have a look what the booklet for
HunterLab(49.8263, -16.5140,
-3.6883) contains.

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Color

**HunterLab(49.7856,
-16.4412, -3.9728)**

Conversions

Conversions Part 1

Format	Color
Hex	579296
RGB	87, 146, 150
RGB Percent	34%, 57%, 59%
CMY	0.6588, 0.4274, 0.4118
CMYK	0.42, 0.03, 0.00, 0.41
HSL	184°, 27%, 46%
HSV	184°, 42%, 59%
XYZ	19.7144, 24.7861, 32.5993
YIQ	128.8150, -36.4480, -11.2640

Conversions

Conversions Part 2

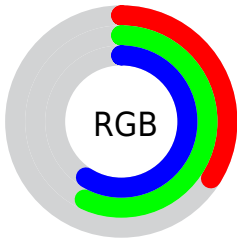
Format	Color
RYB	87, 117, 150
Decimal	5739158
CIELab	56.87, -18.11, -8.16
CIElCh	57, 19.862, 204.271
Yxy	24.7870, 0.2557, 0.3215
Android (android.graphics.Color)	4283929238 (0xFF579296)
YUV	128.8150, 10.4442, -36.6718
Hunter-Lab	49.7856, -16.4412, -3.9728

Details

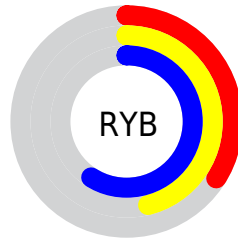
The HunterLab color $49.7856, -16.4412, -3.9728$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $38.2815, 17.1226, 9.9224$, and the grayscale version is $46.7525, -2.4946, 2.5402$.

A 20% lighter version of the original color is $71.5847, -19.6249, -3.5487$, and $30.6734, -13.1086, -4.1458$ is the 20% darker color. If you saturate the color by 10%, you get $48.8325, -18.5240, -5.2677$, and if you desaturate by 10%, it is $50.8727, -13.8992, -2.5246$.

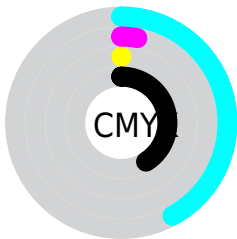
Distribution



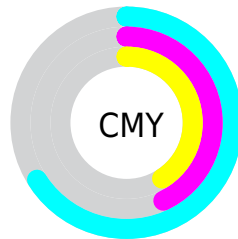
- Red (34%)
- Green (57%)
- Blue (59%)



- Red (34%)
- Yellow (46%)
- Blue (59%)



- Cyan (42%)
- Magenta (3%)
- Yellow (0%)
- Black (41%)



- Cyan (66%)
- Magenta (43%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7856, -16.4412, -3.9728 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 49.7856, -16.4412, -3.9728 by changing the saturation by 10% instead.

■ 49.7856, -16.4412,
-3.9728

■ 49.7856, -16.4412,
-3.9728

166.3658,
-30.1674, -0.5872

■ 39.8979, -14.8136,
-4.0979

■ 71.6321, -19.5830,
-3.5416

■ 30.7676, -13.1240,
-4.1549

■ 83.5082, -21.1182,
-3.2474

■ 22.4648, -11.3425,
-4.1337

■ 95.9766, -22.6391,
-2.9060

■ 15.0820, -9.4162,
-4.0228

■ 109.0103,
-24.1507, -2.5205

■ 8.7193, -9.5146,
-3.8722

122.5858,
-25.6567, -2.0937

0.0000, NaN, -NF

0.0000, NaN, NaN

136.6823,

-27.1600, -1.6279

0.0000, NaN, NaN

151.2812,
-28.6630, -1.1252

0.0000, NaN, NaN

■ 49.7856, -16.4412,
-3.9728

■ 49.7856, -16.4412,
-3.9728

■ 48.8325, -18.5240,
-5.2677

■ 50.8727, -13.8992,
-2.5246

■ 48.0088, -20.1358,
-6.4047

■ 52.0910, -10.9166,
-0.9352

■ 47.3110, -21.2787,
-7.3802

■ 53.4398, -7.5210,
0.7842

■ 46.7323, -21.9693,
-8.1967

■ 54.9161, -3.7442,
2.6207

■ 46.2619, -22.2422,
-8.8636

■ 56.5161, 0.3794,
4.5608

■ 45.9337, -22.2737,
-9.3306

■ 58.2354, 4.8147,
6.5915

■ 60.0688, 9.5270,
8.7004

■ 62.0110, 14.4833,
10.8759

■ 64.0565, 19.6532,
13.1079

Harmonies

Analogous

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



49.7866, -17.6217, 4.2079



49.7856, -16.4412, -3.9728



49.7866, -11.6756, -11.3210

Triad

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



49.7866, -16.4416, -3.9720



49.7866, 11.0288, -7.0389



49.7866, -1.0493, 15.6170

Complementary

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



49.7856, -16.4412, -3.9728



38.2815, 17.1226, 9.9224

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.



49.7866, 7.0485, 13.5646



49.7856, -16.4412, -3.9728



49.7866, 14.3100, 1.1641

Square

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



49.7866, -16.4416, -3.9720



49.7866, 4.1006, -13.2856



49.7866, 12.8077, 8.5777



49.7866, -9.0764, 14.7000

Rectangle

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



49.7856, -16.4412, -3.9728



49.7866, -6.9293, -14.3093



49.7866, 12.8077, 8.5777



49.7866, 1.7599, 15.2635

Sweetspot

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



49.7866, -16.4416, -3.9720



70.7567, -10.5873, 0.7456



49.5784, -26.6750, 18.4745



33.1338, -5.4284, 0.1287



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



49.7866, -16.4416, -3.9720



64.9916, -24.3561, -6.8329



40.7067, -2.8003, -16.9929



25.4948, -3.0769, 0.6101



41.8526, -20.3104, -8.4678



4.7930, -2.4450, -0.7127

Inverse Universe

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



39.2128, 27.7673, -16.4705



48.5691, 45.4791, -27.1134



45.8323, 2.4186, 16.6188



24.2959, 1.7077, -0.5860



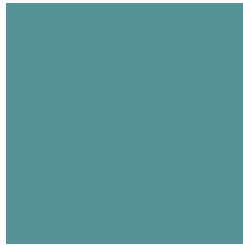
26.3849, 51.1880, -29.4847



2.9454, 5.7548, -3.6061

Previews

White Background



This preview shows how the HunterLab color 49.7856, -16.4412, -3.9728 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 49.7856, -16.4412, -3.9728 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

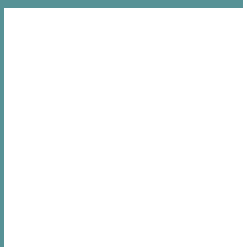
Any Text WCAG AAA × Fail

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

HunterLab 49.7856, -16.4412, -3.9728 Background



This preview shows how black text looks on a background with the HunterLab color 49.7856, -16.4412, -3.9728.



This preview shows how white text looks on a background with the HunterLab color 49.7856,

-16.4412, -3.9728.

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

49.7856, -16.4412, -3.9728

Protanopia

49.5433, -1.0406, -0.5889

Deuteranopia

49.4623, 3.6091, -5.5834



Tritanopia

49.8086, -14.3044, -7.5289

Trichromacy



Original Color

49.7856, -16.4412, -3.9728

Protanomaly

49.3884, -7.3068, -2.3412

Deuteranomaly

49.2171, -4.5334, -5.5374

Tritanomaly

49.6574, -15.0703, -6.1674

Monochromacy



Original Color

49.7856, -16.4412, -3.9728

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

47.6566, -8.0432, -0.2193

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7856, -16.4412, -3.9728 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(87, 146, 150)` looks like.

```
.text, #text, p{  
    color:rgb(87, 146, 150)  
}
```

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(87, 146, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 146, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7856, -16.4412, -3.9728 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(87, 146, 150) }
```


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

```
.border{ border-color:rgb(87, 146, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 146, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 146, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 146, 150);  
box-shadow:4px 4px 4px 4px rgb(87, 146,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7856, -16.4412, -3.9728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 146, 150) }
```

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

```
.background{ background-color: rgb(87, 146,  
150) }
```

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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