

Converting Colors

HunterLab(49.7945, -0.0695,
-17.5409)

Have a look what the booklet for
HunterLab(49.7945, -0.0695,
-17.5409) contains.

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Color

**HunterLab(49.6956, 0.2711,
-17.7606)**

Conversions

Conversions Part 1

Format	Color
Hex	7888AF
RGB	120, 136, 175
RGB Percent	47%, 53%, 69%
CMY	0.5294, 0.4667, 0.3137
CMYK	0.31, 0.22, 0.00, 0.31
HSL	223°, 26%, 58%
HSV	223°, 31%, 69%
XYZ	24.2878, 24.6965, 44.0442
YIQ	135.6620, -22.0550, 8.7370

Conversions

Conversions Part 2

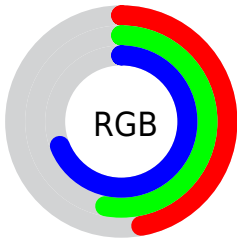
Format	Color
R_{YB}	120, 132, 175
Decimal	7899311
CIE _{Lab}	56.78, 3.59, -22.43
CIE _{LCh}	57, 22.717, 279.084
Yxy	24.6975, 0.2611, 0.2655
Android (android.graphics.Color)	4286089391 (0xFF7888AF)
YUV	135.6620, 19.3936, -13.7356
Hunter-Lab	49.6956, 0.2711, -17.7606

Details

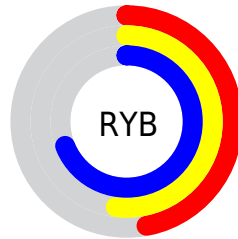
The HunterLab color $49.6956, 0.2711, -17.7606$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $59.3858, -3.3281, 18.7935$, and the grayscale version is $49.4173, -2.6368, 2.6849$.

A 20% lighter version of the original color is $71.4485, -0.4822, -18.7183$, and $30.5384, 0.8874, -16.9143$ is the 20% darker color. If you saturate the color by 10%, you get $45.0145, 2.2430, -25.6429$, and if you desaturate by 10%, it is $54.5576, -1.2760, -10.4801$.

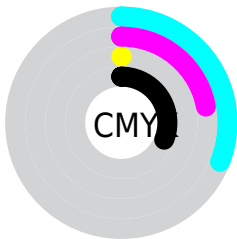
Distribution



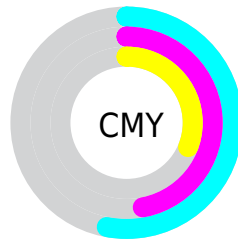
- Red (47%)
- Green (53%)
- Blue (69%)



- Red (47%)
- Yellow (52%)
- Blue (69%)



- Cyan (31%)
- Magenta (22%)
- Yellow (0%)
- Black (31%)



- Cyan (53%)
- Magenta (47%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6956, 0.2711, -17.7606 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 49.6956, 0.2711, -17.7606 by changing the saturation by 10% instead.

■ 49.6956, 0.2711,
-17.7606

■ 49.6956, 0.2711,
-17.7606

■ 166.2312, -4.5318,
-18.7946

■ 39.8143, 0.5950,
-17.3532

■ 71.5304, -0.5262,
-18.3843

■ 30.6910, 0.8624,
-16.8901

■ 83.4013, -0.9902,
-18.6042

■ 22.3958, 1.0643,
-16.3906

■ 95.8646, -1.4939,
-18.7658

■ 15.0216, 1.1880,
-15.9187

■ 108.8934, -2.0347,
-18.8719

■ 8.6633, 1.3412,
-15.8216

■ 122.4643, -2.6105,
-18.9252

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 136.5563, -3.2197,

-18.9286

0.0000, NaN, NaN

151.1508, -3.8605,
-18.8843

0.0000, NaN, NaN

■ 49.6956, 0.2711,
-17.7606

■ 49.6956, 0.2711,
-17.7606

■ 45.0145, 2.2430,
-25.6429

■ 54.5576, -1.2760,
-10.4801

■ 40.5411, 4.7356,
-34.2503

■ 59.5744, -2.4737,
-3.6981

■ 36.3147, 7.8593,
-43.7032

■ 64.7287, -3.3841,
2.6763

■ 32.3846, 11.7325,
-54.0929

■ 70.0060, -4.0560,
8.7168

■ 28.8137, 16.4526,
-65.4131

■ 75.3943, -4.5284,
14.4837

■ 25.6771, 22.0322,
-77.4427

■ 80.8839, -4.8323,
20.0258

■ 23.3561, 27.2822,
-88.0876

■ 86.4668, -4.9927,
25.3827

■ 91.6128, -6.8556,
30.0832

■ 95.5486, -13.1841,
33.4788

Harmonies

Analogous

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



49.6966, -9.0259, -16.4783



49.6956, 0.2711, -17.7606



49.6966, 9.4287, -12.8096

Triad

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



49.6966, 0.2706, -17.7596



49.6966, 12.3777, 12.4842



49.6966, -18.6328, 8.5323

Complementary

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



49.6956, 0.2711, -17.7606



59.3858, -3.3281, 18.7935

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.



49.6966, -13.6830, 14.4186



49.6956, 0.2711, -17.7606



49.6966, 4.0553, 16.3839

Square

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



49.6966, 0.2706, -17.7596



49.6966, 16.7568, 5.3781



49.6966, -5.5132, 17.0183



49.6966, -19.4788, -0.1251

Rectangle

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



49.6956, 0.2711, -17.7606



49.6966, 14.0563, -7.1057



49.6966, -5.5132, 17.0183



49.6966, -17.4125, 10.8506

Sweetspot

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



49.6966, 0.2706, -17.7596



81.2779, -3.6184, -2.9669



60.9421, -20.8550, 5.4958



37.8565, -1.6154, -1.9862



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.



49.6966, 0.2706, -17.7596



61.9513, 2.2064, -31.3038



46.2106, 11.1233, -23.3677



28.5004, -1.2638, -1.0848



20.0018, 22.4101, -73.3774



4.5453, 0.9454, -7.7222

Inverse Universe

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



49.3207, 18.0668, 2.7055



61.6706, 31.0350, 3.9539



63.1736, -14.3989, 21.9975



28.3765, 1.2779, 1.4260



25.8977, 45.0461, 11.3434



4.4294, 7.9159, 0.3017

Previews

White Background



This preview shows how the HunterLab color 49.6956, 0.2711, -17.7606 looks on a white background.

Color Contrast Check

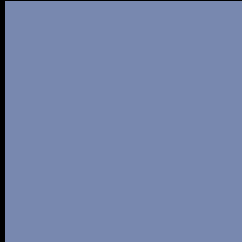
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.6956, 0.2711, -17.7606 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

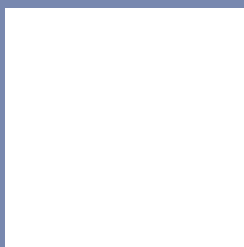
Any Text WCAG AAA × Fail

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

HunterLab 49.6956, 0.2711, -17.7606 Background



This preview shows how black text looks on a background with the HunterLab color 49.6956, 0.2711, -17.7606.



This preview shows how white text looks on a background with the HunterLab color 49.6956, 0.2711, -17.7606.

-17.7606.

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

49.6956, 0.2711, -17.7606

Protanopia

49.5397, 2.5535, -17.3550

Deuteranopia

49.7735, 3.4982, -18.1962



Tritanopia

49.6340, -7.6174, -4.5231

Trichromacy



Original Color

49.6956, 0.2711, -17.7606

Protanomaly

49.6679, 1.5483, -17.1699

Deuteranomaly

49.8222, 2.2288, -18.1405

Tritanomaly

49.7847, -4.9670, -9.0173

Monochromacy



Original Color

49.6956, 0.2711, -17.7606

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

49.5542, -2.0156, -4.0233

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6956, 0.2711, -17.7606 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(120, 136, 175)` looks like.

```
.text, #text, p{  
    color:rgb(120, 136, 175)  
}
```

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(120, 136, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 136, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6956, 0.2711, -17.7606 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(120, 136, 175) }
```


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

```
.border{ border-color:rgb(120, 136, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 136, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 136, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 136, 175);  
box-shadow:4px 4px 4px 4px rgb(120, 136,  
175) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6956, 0.2711, -17.7606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 136, 175) }
```

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

```
.background{ background-color: rgb(120,  
136, 175) }
```

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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