

Converting Colors

HunterLab(27.9899, -11.6738,
-21.7260)

Have a look what the booklet for
HunterLab(27.9899, -11.6738,
-21.7260) contains.

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Color

**HunterLab(28.9562, -7.5059,
-19.9895)**

Conversions

Conversions Part 1

Format	Color
Hex	00587A
RGB	0, 88, 122
RGB Percent	0%, 35%, 48%
CMY	0.9999, 0.6549, 0.5216
CMYK	1.00, 0.28, 0.00, 0.52
HSL	197°, 100%, 24%
HSV	197°, 100%, 48%
XYZ	7.0026, 8.3846, 19.6617
YIQ	65.5640, -63.3620, -8.0820

Conversions

Conversions Part 2

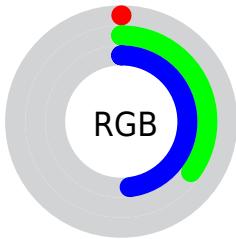
Format	Color
RYB	0, 51, 122
Decimal	22650
CIELab	34.77, -9.23, -25.51
CIElCh	35, 27.127, 250.102
Yxy	8.3849, 0.1998, 0.2392
Android (android.graphics.Color)	4278212730 (0xFF00587A)
YUV	65.5640, 27.8229, -57.4996
Hunter-Lab	28.9562, -7.5059, -19.9895

Details

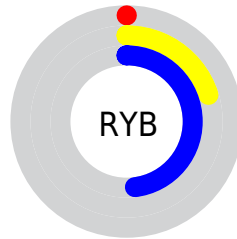
The HunterLab color **28.9562, -7.5059, -19.9895** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **22.9839, 26.5582, 14.6263**, and the grayscale version is **23.1121, -1.2332, 1.2557**.

A 20% lighter version of the original color is **47.7158, -9.7022, -21.1629**, and **14.8620, -1.1891, -16.0092** is the 20% darker color. If you saturate the color by 10%, you get **28.9552, -7.5044, -19.9917**, and if you desaturate by 10%, it is **30.0598, -8.4065, -17.9415**.

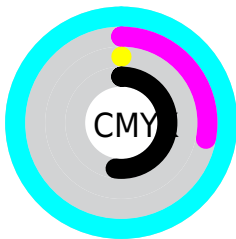
Distribution



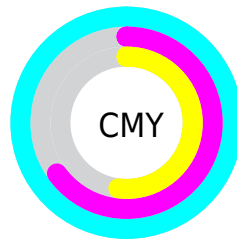
- Red (0%)
- Green (35%)
- Blue (48%)



- Red (0%)
- Yellow (20%)
- Blue (48%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (65%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.9562, -7.5059, -19.9895 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 28.9562, -7.5059, -19.9895 by changing the saturation by 10% instead.

■ 28.9562, -7.5059,
-19.9895

■ 28.9562, -7.5059,
-19.9895

■ 133.6864,
-17.3367, -22.8927

■ 20.8380, -6.3971,
-19.4656

■ 47.6546, -9.6661,
-21.0131

■ 13.6630, -5.2411,
-19.0744

■ 58.1037, -10.7395,
-21.4539

■ 7.2683, -5.9232,
-20.5125

■ 69.2214, -11.8161,
-21.8363

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 80.9697, -12.8993,
-22.1596

0.0000, NaN, NaN

■ 93.3163, -13.9915,
-22.4247

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.2337,

-15.0944, -22.6337

0.0000, NaN, NaN

119.6975,
-16.2092, -22.7890

28.9562, -7.5059,
-19.9895

28.9562, -7.5059,
-19.9895

28.9552, -7.5044,
-19.9917

30.0598, -8.4065,
-17.9415

31.2302, -9.0769,
-15.8709

32.5034, -9.3840,
-13.7226

33.8798, -9.3268,
-11.5089

35.3576, -8.9164,
-9.2444

■ 36.9331, -8.1721,
-6.9434

■ 38.6020, -7.1177,
-4.6187

■ 40.3592, -5.7788,
-2.2811

■ 42.1997, -4.1817,
0.0607

Harmonies

Analogous

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



28.9567, -14.2373, -12.0015



28.9562, -7.5059, -19.9895



28.9567, 1.7280, -21.2834

Triad

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



28.9567, -7.5056, -19.9889



28.9567, 18.7230, 4.4618



28.9567, -12.3999, 11.9671

Complementary

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



28.9562, -7.5059, -19.9895



22.9839, 26.5582, 14.6263

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.



28.9567, -4.6819, 13.9964



28.9562, -7.5059, -19.9895



28.9567, 13.7938, 10.6848

Square

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



28.9567, -7.5056, -19.9889



28.9567, 17.7115, -4.9842



28.9567, 4.9370, 13.6182



28.9567, -16.8003, 6.8889

Rectangle

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



28.9562, -7.5059, -19.9895



28.9567, 8.1974, -17.8494



28.9567, 4.9370, 13.6182



28.9567, -10.1514, 12.9404

Sweetspot

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



28.9567, -7.5056, -19.9889



51.0338, -9.5570, -6.3540



37.4521, -31.0919, 20.3082



24.0417, -4.8115, -3.5357



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



28.9567, -7.5056, -19.9889



38.0978, -9.5041, -27.1023



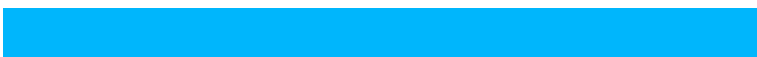
15.0289, 20.4930, -63.0194



20.8148, -1.9764, 0.1352



29.6861, -7.6649, -20.5586



63.6777, -15.0404, -47.1236

Inverse Universe

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



22.0058, 40.8834, -10.6001



29.1461, 54.0844, -13.4986



34.7291, 0.8396, 21.4138



20.1479, 1.1458, 0.0602



22.5755, 41.9403, -10.8315



49.1534, 91.0550, -21.5574

Previews

White Background



This preview shows how the HunterLab color 28.9562, -7.5059, -19.9895 looks on a white 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 28.9562, -7.5059, -19.9895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

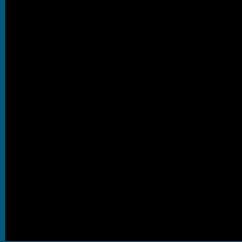
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 28.9562, -7.5059, -19.9895 Background



This preview shows how black text looks on a background with the HunterLab color 28.9562, -7.5059, -19.9895.



This preview shows how white text looks on a background with the HunterLab color 28.9562, -7.5059, -19.9895.

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

28.9562, -7.5059, -19.9895

Protanopia

29.1297, 2.2938, -15.6408

Deuteranopia

29.1787, 1.8045, -20.7357



Tritanopia

28.9206, -13.9138, -6.1123

Trichromacy



Original Color

28.9562, -7.5059, -19.9895

Protanomaly

28.6471, -3.2595, -17.8781

Deuteranomaly

28.6392, -2.8611, -21.1967

Tritanomaly

28.9376, -11.7180, -10.8738

Monochromacy



Original Color

28.9562, -7.5059, -19.9895

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

24.6205, -6.2314, -6.1397

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.9562, -7.5059, -19.9895 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(0, 88, 122)` looks like.

```
.text, #text, p{  
    color:rgb(0, 88, 122)  
}
```

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(0, 88, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 88, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 28.9562, -7.5059, -19.9895 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(0, 88, 122) }
```


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

```
.border{ border-color:rgb(0, 88, 122) }
```

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

Here you see how a box with a 4 pixel rgb(0, 88, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 88, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 88, 122);  
box-shadow:4px 4px 4px 4px rgb(0, 88, 122)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.9562, -7.5059, -19.9895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 88, 122) }
```

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

```
.background{ background-color: rgb(0, 88,  
122) }
```

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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