

Converting Colors

HunterLab(30.4105, -9.4647,
-17.5784)

Have a look what the booklet for
HunterLab(30.4105, -9.4647,
-17.5784) contains.

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Color

**HunterLab(30.3872, -9.5490,
-17.3679)**

Conversions

Conversions Part 1

Format	Color
Hex	005D7A
RGB	0, 93, 122
RGB Percent	0%, 36%, 48%
CMY	0.9999, 0.6353, 0.5216
CMYK	1.00, 0.24, 0.00, 0.52
HSL	194°, 100%, 24%
HSV	194°, 100%, 48%
XYZ	7.4272, 9.2338, 19.8032
YIQ	68.4990, -64.7370, -10.6970

Conversions

Conversions Part 2

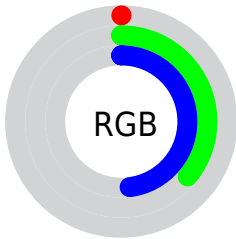
Format	Color
RYB	0, 53, 122
Decimal	23930
CIELab	36.43, -12.23, -22.92
CIELCh	36, 25.977, 241.911
Yxy	9.2341, 0.2037, 0.2532
Android (android.graphics.Color)	4278214010 (0xFF005D7A)
YUV	68.4990, 26.3760, -60.0736
Hunter-Lab	30.3872, -9.5490, -17.3679

Details

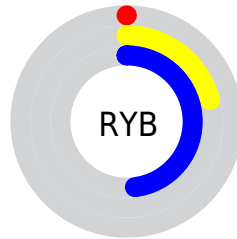
The HunterLab color **30.3872, -9.5490, -17.3679** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **22.3987, 28.2685, 14.2958**, and the grayscale version is **24.1465, -1.2884, 1.3119**.

A 20% lighter version of the original color is **49.2713, -11.8094, -18.6504**, and **15.8558, -2.7656, -13.8483** is the 20% darker color. If you saturate the color by 10%, you get **30.3866, -9.5480, -17.3693**, and if you desaturate by 10%, it is **31.3570, -10.2376, -15.6716**.

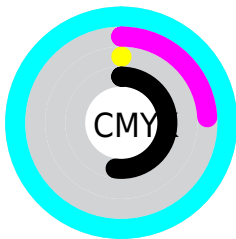
Distribution



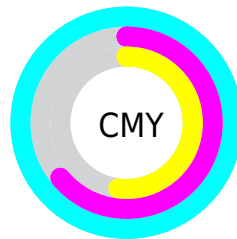
- Red (0%)
- Green (36%)
- Blue (48%)



- Red (0%)
- Yellow (21%)
- Blue (48%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (64%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.3872, -9.5490, -17.3679 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 30.3872, -9.5490, -17.3679 by changing the saturation by 10% instead.

■ 30.3872, -9.5490,
-17.3679

■ 30.3872, -9.5490,
-17.3679

■ 136.0570,
-20.7902, -19.5505

■ 22.1229, -8.2194,
-16.8608

■ 49.3403, -12.0933,
-18.2648

■ 14.7829, -6.8136,
-16.3953

■ 59.9033, -13.3379,
-18.6250

■ 8.4379, -6.7670,
-16.4385

■ 71.1281, -14.5753,
-18.9228

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 82.9777, -15.8105,
-19.1598

0.0000, NaN, NaN

■ 95.4209, -17.0473,
-19.3383

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 108.4305,

-18.2882, -19.4611

0.0000, NaN, NaN

121.9828,
-19.5354, -19.5310

30.3872, -9.5490,
-17.3679

30.3872, -9.5490,
-17.3679

30.3866, -9.5480,
-17.3693

31.3570, -10.2376,
-15.6716

32.3892, -10.7044,
-13.9343

33.5196, -10.8163,
-12.1031

34.7503, -10.5677,
-10.1870

36.0807, -9.9660,
-8.1982

■ 37.5086, -9.0268,
-6.1501

■ 39.0306, -7.7713,
-4.0554

■ 40.6425, -6.2235,
-1.9257

■ 42.3398, -4.4085,
0.2287

Harmonies

Analogous

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



30.3877, -15.2895, -8.7119



30.3872, -9.5490, -17.3679



30.3877, -1.0280, -20.5669

Triad

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



30.3877, -9.5487, -17.3673



30.3877, 18.2641, 2.2126



30.3877, -10.4609, 12.7927

Complementary

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



30.3872, -9.5490, -17.3679



22.3987, 28.2685, 14.2958

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.



30.3877, -2.2136, 14.1666



30.3872, -9.5490, -17.3679



30.3877, 14.9883, 9.3044

Square

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



30.3877, -9.5487, -17.3673



30.3877, 15.7049, -7.4345



30.3877, 7.2087, 13.1110



30.3877, -15.7702, 8.5880

Rectangle

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



30.3872, -9.5490, -17.3679



30.3877, 5.2996, -18.5904



30.3877, 7.2087, 13.1110



30.3877, -7.9766, 13.5328

Sweetspot

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



30.3877, -9.5487, -17.3673



51.6170, -10.4436, -5.5849



37.4238, -31.2685, 20.7246



24.3519, -5.2788, -3.1201



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.



30.3877, -9.5487, -17.3673



40.0367, -12.2884, -23.5151



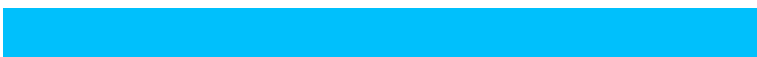
15.7092, 18.4636, -59.4895



20.8774, -2.0777, 0.2099



31.1580, -9.7675, -17.8595



67.0432, -19.9124, -40.8130

Inverse Universe

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



22.1997, 41.5741, -13.2517



29.4073, 55.0147, -17.0738



33.7061, 2.6459, 20.8151



20.1544, 1.1809, -0.0327



22.7748, 42.6499, -13.5573



49.6031, 92.6581, -27.7239

Previews

White Background



This preview shows how the HunterLab color 30.3872, -9.5490, -17.3679 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 30.3872, -9.5490, -17.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

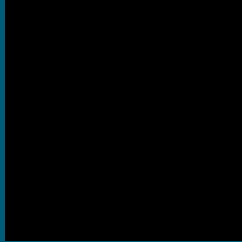
Any Text WCAG AA × Fail

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 30.3872, -9.5490, -17.3679 Background



This preview shows how black text looks on a background with the HunterLab color 30.3872, -9.5490, -17.3679.



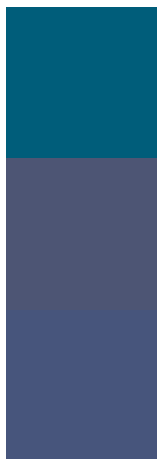
This preview shows how white text looks on a background with the HunterLab color 30.3872, -9.5490, -17.3679.

-17.3679.

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

30.3872, -9.5490, -17.3679

Protanopia

30.5544, 1.8039, -13.2033

Deuteranopia

30.4825, 2.1988, -18.2681



Tritanopia

30.2716, -14.4091, -6.7318

Trichromacy



Original Color

30.3872, -9.5490, -17.3679

Protanomaly

29.9005, -4.4102, -15.6388

Deuteranomaly

29.9456, -3.8418, -18.7165

Tritanomaly

30.2179, -12.6115, -10.5450

Monochromacy



Original Color

30.3872, -9.5490, -17.3679

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

25.8628, -7.1305, -5.3537

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.3872, -9.5490, -17.3679 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, 93, 122)` looks like.

```
.text, #text, p{  
    color:rgb(0, 93, 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, 93, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 93, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 30.3872, -9.5490, -17.3679 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, 93, 122) }
```


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

```
.border{ border-color:rgb(0, 93, 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, 93, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 93, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 93, 122);  
box-shadow:4px 4px 4px 4px rgb(0, 93, 122)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.3872, -9.5490, -17.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 93, 122) }
```

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

```
.background{ background-color: rgb(0, 93,  
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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