

Converting Colors

HunterLab(25.5176, -30.4787,
-28.5004)

Have a look what the booklet for
HunterLab(25.5176, -30.4787,
-28.5004) contains.

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Color

**HunterLab(30.7172, -9.7196,
-17.4120)**

Conversions

Conversions Part 1

Format	Color
Hex	005E7B
RGB	0, 94, 123
RGB Percent	0%, 37%, 48%
CMY	0.9999, 0.6314, 0.5176
CMYK	1.00, 0.24, 0.00, 0.52
HSL	194°, 100%, 24%
HSV	194°, 100%, 48%
XYZ	7.5779, 9.4355, 20.1607
YIQ	69.2000, -65.3330, -10.9090

Conversions

Conversions Part 2

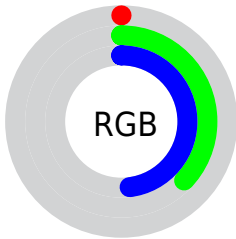
Format	Color
RYB	0, 53, 123
Decimal	24187
CIELab	36.81, -12.43, -22.94
CIELCh	37, 26.092, 241.554
Yxy	9.4358, 0.2039, 0.2538
Android (android.graphics.Color)	4278214267 (0xFF005E7B)
YUV	69.2000, 26.5234, -60.6884
Hunter-Lab	30.7172, -9.7196, -17.4120

Details

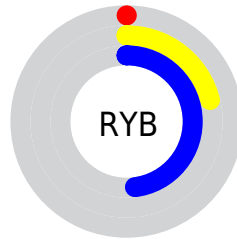
The HunterLab color **30.7172, -9.7196, -17.4120** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **22.5621, 28.6207, 14.4026**, and the grayscale version is **24.3933, -1.3016, 1.3253**.

A 20% lighter version of the original color is **49.6161, -12.0329, -18.7202**, and **16.1503, -2.9199, -13.8831** is the 20% darker color. If you saturate the color by 10%, you get **30.7165, -9.7185, -17.4135**, and if you desaturate by 10%, it is **31.6887, -10.4095, -15.7170**.

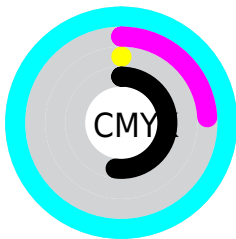
Distribution



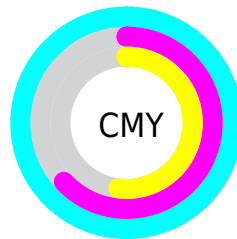
- Red (0%)
- Green (37%)
- Blue (48%)



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



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



- Cyan (100%)
- Magenta (63%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.7172, -9.7196, -17.4120 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 30.7172, -9.7196, -17.4120 by changing the saturation by 10% instead.

30.7172, -9.7196,
-17.4120

30.7172, -9.7196,
-17.4120

136.6003,
-21.0519, -19.5820

22.4199, -8.3771,
-16.9049

49.7280, -12.2875,
-18.3061

15.0427, -6.9579,
-16.4354

60.3168, -13.5431,
-18.6646

8.6829, -6.7009,
-16.3615

71.5659, -14.7908,
-18.9608

0.0000, NaN, -NF

0.0000, NaN, -NF

83.4386, -16.0361,
-19.1963

0.0000, NaN, NaN

95.9037, -17.2824,
-19.3734

0.0000, NaN, NaN

108.9342,

0.0000, NaN, NaN

-18.5325, -19.4949

0.0000, NaN, NaN

122.5067,
-19.7885, -19.5635

30.7172, -9.7196,
-17.4120

30.7172, -9.7196,
-17.4120

30.7165, -9.7185,
-17.4135

31.6887, -10.4095,
-15.7170

32.7235, -10.8738,
-13.9788

33.8573, -10.9798,
-12.1450

35.0923, -10.7219,
-10.2245

36.4281, -10.1069,
-8.2297

■ 37.8624, -9.1506,
-6.1737

■ 39.3918, -7.8743,
-4.0697

■ 41.0122, -6.3022,
-1.9293

■ 42.7190, -4.4597,
0.2370

Harmonies

Analogous

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



30.7177, -15.4689, -8.6537



30.7172, -9.7196, -17.4120



30.7177, -1.1531, -20.7171

Triad

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



30.7177, -9.7193, -17.4114



30.7177, 18.4047, 2.1308



30.7177, -10.4675, 12.9406

Complementary

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



30.7172, -9.7196, -17.4120



22.5621, 28.6207, 14.4026

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.



30.7177, -2.1252, 14.2980



30.7172, -9.7196, -17.4120



30.7177, 15.1708, 9.3223

Square

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



30.7177, -9.7193, -17.4114



30.7177, 15.7581, -7.6071



30.7177, 7.3702, 13.2020



30.7177, -15.8632, 8.7344

Rectangle

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



30.7172, -9.7196, -17.4120



30.7177, 5.2243, -18.7848



30.7177, 7.3702, 13.2020



30.7177, -7.9511, 13.6772

Sweetspot

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



30.7177, -9.7193, -17.4114



52.5557, -10.6795, -5.6589



37.7538, -31.5478, 20.9151



25.1537, -5.4892, -3.2249



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



30.7177, -9.7193, -17.4114



40.8285, -12.6184, -23.7926



15.8349, 18.6644, -60.0800



20.8803, -2.0824, 0.2134



31.2280, -9.8655, -17.7354



67.2033, -20.1392, -40.5235

Inverse Universe

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



22.4042, 41.9713, -13.4848



29.9417, 56.0328, -17.5258



33.9969, 2.6815, 20.9949



20.1547, 1.1825, -0.0370



22.7845, 42.6843, -13.6890



49.6250, 92.7359, -28.0224

Previews

White Background



This preview shows how the HunterLab color 30.7172, -9.7196, -17.4120 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 30.7172, -9.7196, -17.4120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

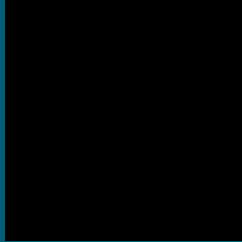
Any Text WCAG AA × Fail

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 30.7172, -9.7196, -17.4120 Background



This preview shows how black text looks on a background with the HunterLab color 30.7172, -9.7196, -17.4120.



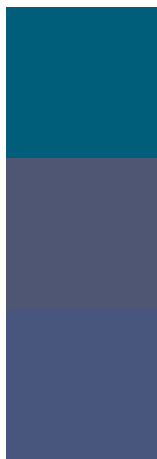
This preview shows how white text looks on a background with the HunterLab color 30.7172, -9.7196, -17.4120.

-17.4120.

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

30.7172, -9.7196, -17.4120

Protanopia

30.8808, 1.5769, -12.6673

Deuteranopia

30.8447, 2.1674, -18.2505



Tritanopia

30.6026, -14.5822, -6.7718

Trichromacy



Original Color

30.7172, -9.7196, -17.4120

Protanomaly

30.2569, -4.4702, -15.6338

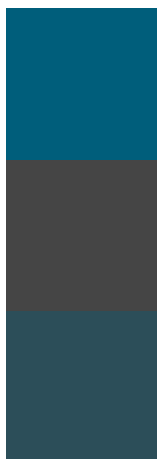
Deuteranomaly

30.2999, -3.9096, -18.7111

Tritanomaly

30.5485, -12.7830, -10.5882

Monochromacy



Original Color

30.7172, -9.7196, -17.4120

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

25.8950, -6.9468, -5.8050

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.7172, -9.7196, -17.4120 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, 94, 123)` looks like.

```
.text, #text, p{  
    color:rgb(0, 94, 123)  
}
```

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, 94, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 94, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 30.7172, -9.7196, -17.4120 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, 94, 123) }
```


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

```
.border{ border-color:rgb(0, 94, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 94, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 94, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 94, 123);  
box-shadow:4px 4px 4px 4px rgb(0, 94, 123)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.7172, -9.7196, -17.4120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 94, 123) }
```

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

```
.background{ background-color: rgb(0, 94,  
123) }
```

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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