

Converting Colors

HunterLab(36.9850, -12.1941,
-28.2856)

Have a look what the booklet for
HunterLab(36.9850, -12.1941,
-28.2856) contains.

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Color

**HunterLab(37.7420, -9.3376,
-27.0170)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 00719D |
| RGB | 0, 113, 157 |
| RGB Percent | 0%, 44%, 62% |
| CMY | 0.9999, 0.5569, 0.3843 |
| CMYK | 1.00, 0.28, 0.00, 0.38 |
| HSL | 197°, 100%, 31% |
| HSV | 197°, 100%, 62% |
| XYZ | 11.9909, 14.2446, 34.0158 |
| YIQ | 84.2290, -81.4720, -10.2720 |

Conversions

Conversions Part 2

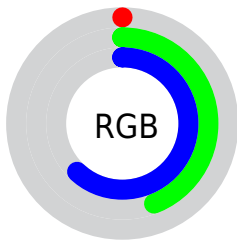
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 66, 157 |
| Decimal | 29085 |
| CIELab | 44.58, -10.36, -31.26 |
| CIELCh | 45, 32.927, 251.666 |
| Yxy | 14.2451, 0.1990, 0.2364 |
| Android (android.graphics.Color) | 4278219165 (0xFF00719D) |
| YUV | 84.2290, 35.8761, -73.8688 |
| Hunter-Lab | 37.7420, -9.3376, -27.0170 |

Details

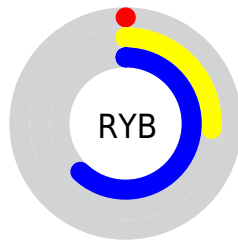
The HunterLab color **37.7420, -9.3376, -27.0170** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **29.9524, 35.8221, 19.0822**, and the grayscale version is **29.7564, -1.5877, 1.6167**.

A 20% lighter version of the original color is **58.0019, -11.7128, -28.1352**, and **21.9101, -2.1694, -22.7025** is the 20% darker color. If you saturate the color by 10%, you get **37.7403, -9.3348, -27.0208**, and if you desaturate by 10%, it is **39.1900, -10.7232, -24.2980**.

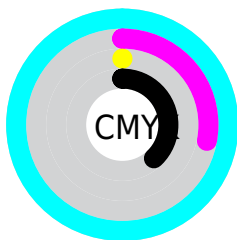
Distribution



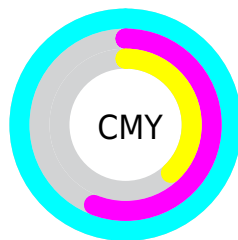
- Red (0%)
- Green (44%)
- Blue (62%)



- Red (0%)
- Yellow (26%)
- Blue (62%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (56%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.7420, -9.3376, -27.0170 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 37.7420, -9.3376, -27.0170 by changing the saturation by 10% instead.

37.7420, -9.3376,
-27.0170

37.7420, -9.3376,
-27.0170

147.9020,
-19.7217, -30.7514

28.7946, -8.1748,
-26.4374

57.8992, -11.6207,
-28.1751

20.6928, -6.9795,
-25.9631

69.0046, -12.7577,
-28.6992

13.5369, -5.7224,
-25.8358

80.7413, -13.8976,
-29.1731

7.1225, -6.7171,
-28.6985

93.0769, -15.0436,
-29.5939

0.0000, NaN, -NF

0.0000, NaN, -NF

105.9836,
-16.1976, -29.9611

0.0000, NaN, NaN

119.4372,

0.0000, NaN, NaN

-17.3613, -30.2755

0.0000, NaN, NaN

133.4164,
-18.5357, -30.5384

■ 37.7420, -9.3376,
-27.0170

■ 37.7420, -9.3376,
-27.0170

■ 37.7403, -9.3348,
-27.0208

■ 39.1900, -10.7232,
-24.2980

■ 40.7467, -11.7326,
-21.5127

■ 42.4446, -12.2436,
-18.6187

■ 44.2852, -12.2508,
-15.6327

■ 46.2662, -11.7681,
-12.5750

■ 48.3827, -10.8217,
-9.4660

■ 50.6285, -9.4446,
-6.3242

■ 52.9965, -7.6733,
-3.1648

■ 55.4796, -5.5445,
-0.0002

Harmonies

Analogous

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



37.7426, -18.4602, -16.6982



37.7420, -9.3376, -27.0170



37.7426, 3.0080, -28.1958

Triad

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



37.7426, -9.3372, -27.0162



37.7426, 24.7566, 6.4230



37.7426, -16.8067, 15.5325

Complementary

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



37.7420, -9.3376, -27.0170



29.9524, 35.8221, 19.0822

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.



37.7426, -6.7899, 18.3711



37.7420, -9.3376, -27.0170



37.7426, 17.8375, 14.3868

Square

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



37.7426, -9.3372, -27.0162



37.7426, 23.8392, -5.9363



37.7426, 5.9099, 18.0350



37.7426, -22.3667, 8.6077

Rectangle

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



37.7420, -9.3376, -27.0170



37.7426, 11.5605, -23.2902



37.7426, 5.9099, 18.0350



37.7426, -13.9088, 16.8751

Sweetspot

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



37.7426, -9.3372, -27.0162



67.5698, -12.7639, -8.7139



49.2755, -41.0476, 27.0219



31.1391, -6.3492, -4.8579



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



37.7426, -9.3372, -27.0162



50.1707, -11.9995, -36.8055



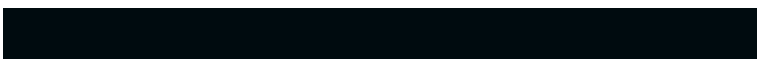
19.3292, 28.3885, -85.4376



26.8233, -2.5904, 0.1114



34.1067, -8.5517, -24.1697



5.2437, -2.0896, -2.0432

Inverse Universe

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



28.9154, 53.6368, -13.2782



38.6501, 71.6251, -17.1610



45.4875, 1.4949, 28.0544



25.9284, 1.6094, 0.0200



26.0702, 48.3847, -12.1364



3.5817, 6.8091, -2.9206

Previews

White Background



This preview shows how the HunterLab color 37.7420, -9.3376, -27.0170 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 × Fail

Black Background



This preview shows how the HunterLab color 37.7420, -9.3376, -27.0170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

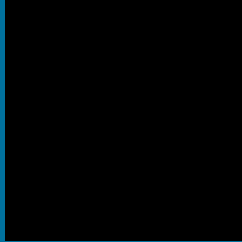
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 37.7420, -9.3376, -27.0170 Background



This preview shows how black text looks on a background with the HunterLab color 37.7420, -9.3376, -27.0170.

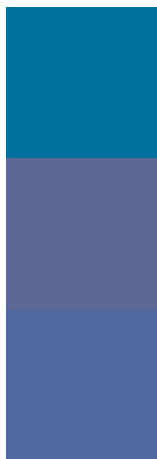


This preview shows how white text looks on a background with the HunterLab color 37.7420, -9.3376, -27.0170.

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

37.7420, -9.3376, -27.0170

Protanopia

37.8083, 3.1873, -21.2359

Deuteranopia

37.8310, 2.7680, -28.0469



Tritanopia

37.7213, -18.0896, -8.0981

Trichromacy



Original Color

37.7420, -9.3376, -27.0170

Protanomaly

36.9891, -3.5881, -24.8858

Deuteranomaly

37.2794, -3.4747, -28.5360

Tritanomaly

37.8113, -15.3702, -14.0809

Monochromacy



Original Color

37.7420, -9.3376, -27.0170

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

31.7632, -8.2134, -8.6435

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.7420, -9.3376, -27.0170 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, 113, 157)` looks like.

```
.text, #text, p{  
    color:rgb(0, 113, 157)  
}
```

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, 113, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 113, 157) }
```

Border

The CSS property to change the border of an element to HunterLab 37.7420, -9.3376, -27.0170 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, 113, 157) }
```


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

```
.border{ border-color:rgb(0, 113, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 113, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 113, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 113, 157);  
box-shadow:4px 4px 4px 4px rgb(0, 113,  
157) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.7420, -9.3376, -27.0170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 113, 157) }
```

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

```
.background{ background-color: rgb(0, 113,  
157) }
```

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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