

Converting Colors

HunterLab(36.4150, -37.1235,
-44.5050)

Have a look what the booklet for
HunterLab(36.4150, -37.1235,
-44.5050) contains.

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Color

**HunterLab(42.7480,
-10.8080, -30.0999)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 007FAF |
| RGB | 0, 127, 175 |
| RGB Percent | 0%, 50%, 69% |
| CMY | 0.9999, 0.5020, 0.3137 |
| CMYK | 1.00, 0.27, 0.00, 0.31 |
| HSL | 196°, 100%, 34% |
| HSV | 196°, 100%, 69% |
| XYZ | 15.3273, 18.2739, 43.2769 |
| YIQ | 94.4990, -91.1000, -11.9960 |

Conversions

Conversions Part 2

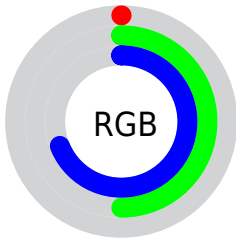
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 74, 175 |
| Decimal | 32687 |
| CIELab | 49.83, -11.58, -33.55 |
| CIElCh | 50, 35.497, 250.956 |
| Yxy | 18.2745, 0.1994, 0.2377 |
| Android (android.graphics.Color) | 4278222767 (0xFF007FAF) |
| YUV | 94.4990, 39.6870, -82.8756 |
| Hunter-Lab | 42.7480, -10.8080, -30.0999 |

Details

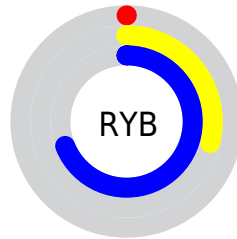
The HunterLab color **42.7480, -10.8080, -30.0999** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **33.5122, 41.1593, 21.3689**, and the grayscale version is **33.5272, -1.7889, 1.8216**.

A 20% lighter version of the original color is **63.7465, -13.3846, -31.2700**, and **26.1800, -3.2883, -25.6242** is the 20% darker color. If you saturate the color by 10%, you get **42.7457, -10.8045, -30.1047**, and if you desaturate by 10%, it is **44.3489, -12.3943, -27.1111**.

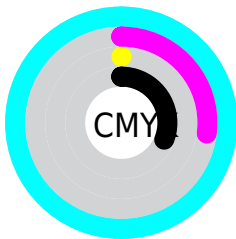
Distribution



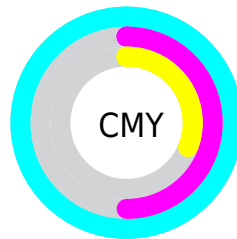
- Red (0%)
- Green (50%)
- Blue (69%)



- Red (0%)
- Yellow (29%)
- Blue (69%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (50%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.7480, -10.8080, -30.0999 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 42.7480, -10.8080, -30.0999 by changing the saturation by 10% instead.

42.7480, -10.8080,
-30.0999

42.7480, -10.8080,
-30.0999

155.6965,
-21.7471, -34.0831

33.3875, -9.5754,
-29.4943

63.6432, -13.2269,
-31.3007

24.8314, -8.3110,
-28.9713

75.0840, -14.4290,
-31.8485

17.1647, -6.9902,
-28.7078

87.1385, -15.6323,
-32.3484

10.5059, -5.6202,
-29.2140

99.7769, -16.8397,
-32.7974

0.0000, NaN, -NF

0.0000, NaN, -NF

112.9733,
-18.0534, -33.1947

0.0000, NaN, NaN

126.7051,

0.0000, NaN, NaN

-19.2751, -33.5407

0.0000, NaN, NaN

140.9521,
-20.5060, -33.8363

■ 42.7480, -10.8080,
-30.0999

■ 42.7480, -10.8080,
-30.0999

■ 42.7457, -10.8045,
-30.1047

■ 44.3489, -12.3943,
-27.1111

■ 46.0780, -13.5350,
-24.0310

■ 47.9673, -14.1080,
-20.8214

■ 50.0195, -14.1042,
-17.4999

■ 52.2324, -13.5376,
-14.0897

■ 54.6008, -12.4371,
-10.6140

■ 57.1179, -10.8402,
-7.0942

■ 59.7756, -8.7883,
-3.5487

■ 62.5659, -6.3238,
0.0078

Harmonies

Analogous

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



42.7487, -20.9593, -18.3632



42.7480, -10.8080, -30.0999



42.7487, 3.0139, -31.7000

Triad

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



42.7487, -10.8075, -30.0990



42.7487, 27.8576, 6.9613



42.7487, -18.7023, 17.6270

Complementary

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



42.7480, -10.8080, -30.0999



33.5122, 41.1593, 21.3689

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.



42.7487, -7.3344, 20.7418



42.7480, -10.8080, -30.0999



42.7487, 20.2773, 16.0580

Square

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



42.7487, -10.8075, -30.0990



42.7487, 26.6098, -7.0138



42.7487, 6.9662, 20.2803



42.7487, -25.0908, 9.9431

Rectangle

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



42.7480, -10.8080, -30.0999



42.7487, 12.6385, -26.3670



42.7487, 6.9662, 20.2803



42.7487, -15.4030, 19.1092

Sweetspot

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



42.7487, -10.8075, -30.0990



76.2529, -14.6378, -9.7480



55.5547, -46.3343, 30.5860



35.2839, -7.3470, -5.5154



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.



42.7487, -10.8075, -30.0990



56.8700, -13.9682, -40.9293



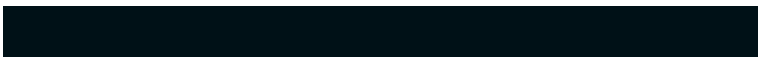
21.6137, 32.5928, -97.3683



29.4871, -2.8853, 0.1180



36.3202, -9.3577, -25.1965



6.7225, -2.4899, -3.0274

Inverse Universe

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



32.6299, 60.5701, -15.3180



43.6212, 80.9044, -19.8877



51.1984, 1.8482, 31.5795



28.4781, 1.8234, -0.0202



27.6310, 51.3286, -13.2275



4.7007, 8.8881, -3.4591

Previews

White Background



This preview shows how the HunterLab color 42.7480, -10.8080, -30.0999 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 42.7480, -10.8080, -30.0999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

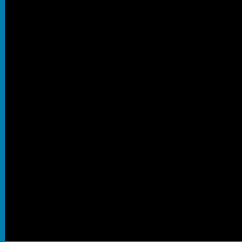
Any Text WCAG AA ✓ Pass

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 42.7480, -10.8080, -30.0999 Background



This preview shows how black text looks on a background with the HunterLab color 42.7480, -10.8080, -30.0999.



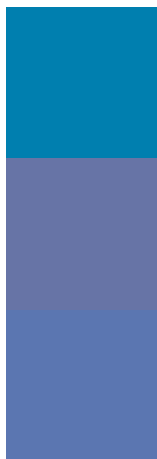
This preview shows how white text looks on a background with the HunterLab color 42.7480,

-10.8080, -30.0999.

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

42.7480, -10.8080, -30.0999

Protanopia

42.5764, 3.9819, -23.9332

Deuteranopia

42.8431, 3.0548, -31.1095



Tritanopia

42.6095, -20.4252, -9.1660

Trichromacy



Original Color

42.7480, -10.8080, -30.0999

Protanomaly

41.7801, -4.2246, -27.5966

Deuteranomaly

42.0819, -3.9994, -32.0097

Tritanomaly

42.7378, -17.4359, -15.7794

Monochromacy



Original Color

42.7480, -10.8080, -30.0999

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

35.9601, -9.5229, -9.4483

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.7480, -10.8080, -30.0999 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, 127, 175)` looks like.

```
.text, #text, p{  
  color:rgb(0, 127, 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(0, 127, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 127, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 42.7480, -10.8080, -30.0999 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, 127, 175) }
```


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

```
.border{ border-color:rgb(0, 127, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 127, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 127, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 127, 175);  
box-shadow:4px 4px 4px 4px rgb(0, 127,  
175) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.7480, -10.8080, -30.0999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 127, 175) }
```

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

```
.background{ background-color: rgb(0, 127,  
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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