

Converting Colors

HunterLab(41.5378, -11.2242,
-27.6887)

Have a look what the booklet for
HunterLab(41.5378, -11.2242,
-27.6887) contains.

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Color

**HunterLab(41.5240,
-11.3006, -27.5067)**

Conversions

Conversions Part 1

Format	Color
Hex	007CA8
RGB	0, 124, 168
RGB Percent	0%, 49%, 66%
CMY	0.9999, 0.5137, 0.3412
CMYK	1.00, 0.26, 0.00, 0.34
HSL	196°, 100%, 33%
HSV	196°, 100%, 66%
XYZ	14.2755, 17.2424, 39.6215
YIQ	91.9400, -88.0280, -12.6040

Conversions

Conversions Part 2

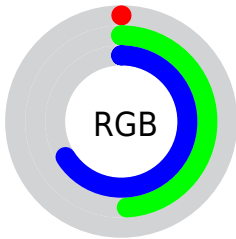
Format	Color
RYB	0, 71, 168
Decimal	31912
CIELab	48.56, -12.51, -31.47
CIELCh	49, 33.865, 248.315
Yxy	17.2430, 0.2007, 0.2424
Android (android.graphics.Color)	4278221992 (0xFF007CA8)
YUV	91.9400, 37.4976, -80.6314
Hunter-Lab	41.5240, -11.3006, -27.5067

Details

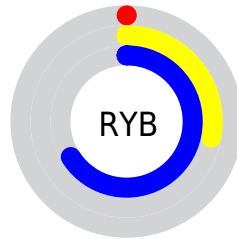
The HunterLab color **41.5240, -11.3006, -27.5067** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **31.8252, 39.9379, 20.3082**, and the grayscale version is **32.5847, -1.7386, 1.7704**.

A 20% lighter version of the original color is **62.3665, -14.2302, -28.1874**, and **25.0861, -3.5667, -23.6560** is the 20% darker color. If you saturate the color by 10%, you get **41.5222, -11.2977, -27.5106**, and if you desaturate by 10%, it is **42.9979, -12.6945, -24.8102**.

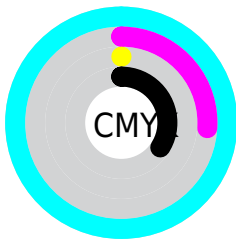
Distribution



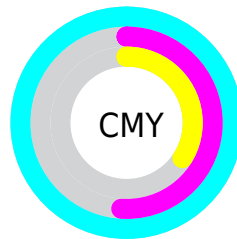
- Red (0%)
- Green (49%)
- Blue (66%)



- Red (0%)
- Yellow (28%)
- Blue (66%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (34%)



- Cyan (100%)
- Magenta (51%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.5240, -11.3006, -27.5067 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 41.5240, -11.3006, -27.5067 by changing the saturation by 10% instead.

■ 41.5240, -11.3006,
-27.5067

■ 41.5240, -11.3006,
-27.5067

153.8080,
-22.6443, -31.1198

■ 32.2613, -10.0029,
-26.9136

■ 62.2440, -13.8314,
-28.6493

■ 23.8123, -8.6640,
-26.3828

■ 73.6050, -15.0829,
-29.1587

■ 16.2654, -7.2544,
-26.0780

■ 85.5837, -16.3323,
-29.6167

■ 9.7450, -6.1416,
-26.4917

■ 98.1499, -17.5832,
-30.0215

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 111.2771,
-18.8381, -30.3730

0.0000, NaN, NaN

■ 124.9425,

0.0000, NaN, NaN

-20.0989, -30.6723

0.0000, NaN, NaN

139.1255,
-21.3673, -30.9207

■ 41.5240, -11.3006,
-27.5067

■ 41.5240, -11.3006,
-27.5067

■ 41.5222, -11.2977,
-27.5106

■ 42.9979, -12.6945,
-24.8102

■ 44.5893, -13.6758,
-22.0236

■ 46.3308, -14.1216,
-19.1066

■ 48.2255, -14.0220,
-16.0748

■ 50.2719, -13.3886,
-12.9488

■ 52.4656, -12.2473,
-9.7502

■ 54.8006, -10.6323,
-6.4993

■ 57.2699, -8.5820,
-3.2137

■ 59.8658, -6.1362,
0.0918

Harmonies

Analogous

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



41.5247, -20.5318, -15.9486



41.5240, -11.3006, -27.5067



41.5247, 1.5672, -29.9663

Triad

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



41.5247, -11.3002, -27.5059



41.5247, 26.4176, 5.6450



41.5247, -16.9903, 17.2389

Complementary

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



41.5240, -11.3006, -27.5067



31.8252, 39.9379, 20.3082

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.



41.5247, -5.8721, 19.9126



41.5240, -11.3006, -27.5067



41.5247, 19.9494, 14.7475

Square

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



41.5247, -11.3002, -27.5059



41.5247, 24.4848, -7.8341



41.5247, 7.7190, 19.1733



41.5247, -23.5159, 10.3223

Rectangle

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



41.5240, -11.3006, -27.5067



41.5247, 10.6985, -25.5613



41.5247, 7.7190, 19.1733



41.5247, -13.7261, 18.5452

Sweetspot

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



41.5247, -11.3002, -27.5059



73.6374, -14.4623, -9.0052



53.0783, -44.3883, 29.4803



33.7777, -7.1892, -5.0310



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



41.5247, -11.3002, -27.5059



55.6058, -14.7445, -37.6733



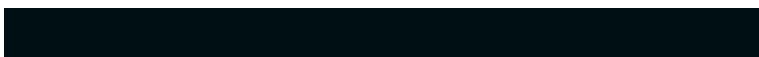
21.1775, 29.5018, -90.1510



28.6261, -2.8375, 0.1536



36.2023, -9.9901, -23.6839



6.2864, -2.4407, -2.5886

Inverse Universe

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



31.2743, 58.2061, -15.8615



42.0834, 78.2555, -20.7620



48.2169, 3.0275, 29.7630



27.6271, 1.7693, -0.0535



27.1921, 50.6402, -14.0015



4.3313, 8.2175, -3.4025

Previews

White Background



This preview shows how the HunterLab color 41.5240, -11.3006, -27.5067 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 41.5240, -11.3006, -27.5067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

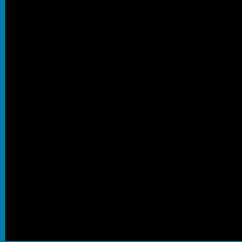
Any Text WCAG AA × Fail

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 41.5240, -11.3006, -27.5067 Background



This preview shows how black text looks on a background with the HunterLab color 41.5240, -11.3006, -27.5067.



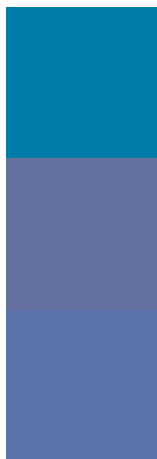
This preview shows how white text looks on a background with the HunterLab color 41.5240, -11.3006, -27.5067.

-11.3006, -27.5067.

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

41.5240, -11.3006, -27.5067

Protanopia

41.3281, 3.3892, -21.5311

Deuteranopia

41.4259, 3.2870, -28.8460



Tritanopia

41.5612, -19.8767, -9.0397

Trichromacy



Original Color

41.5240, -11.3006, -27.5067

Protanomaly

40.5231, -4.8541, -25.1277

Deuteranomaly

40.8913, -4.4016, -29.3052

Tritanomaly

41.6517, -17.1178, -15.1087

Monochromacy



Original Color

41.5240, -11.3006, -27.5067

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

34.9092, -9.2215, -8.8301

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.5240, -11.3006, -27.5067 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, 124, 168)` looks like.

```
.text, #text, p{  
    color:rgb(0, 124, 168)  
}
```

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, 124, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 124, 168) }
```

Border

The CSS property to change the border of an element to HunterLab 41.5240, -11.3006, -27.5067 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, 124, 168) }
```


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

```
.border{ border-color:rgb(0, 124, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 124, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 124, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 124, 168);  
box-shadow:4px 4px 4px 4px rgb(0, 124,  
168) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.5240, -11.3006, -27.5067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 124, 168) }
```

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

```
.background{ background-color: rgb(0, 124,  
168) }
```

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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