

Converting Colors

HunterLab(41.5326, -12.1639,
-29.2348)

Have a look what the booklet for
HunterLab(41.5326, -12.1639,
-29.2348) contains.

HunterLab(41.9160, -11.2242, -28.1616)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(41.9160,
-11.2242, -28.1616)**

Conversions

Conversions Part 1

Format	Color
Hex	007DAA
RGB	0, 125, 170
RGB Percent	0%, 49%, 67%
CMY	0.9999, 0.5098, 0.3333
CMYK	1.00, 0.26, 0.00, 0.33
HSL	196°, 100%, 33%
HSV	196°, 100%, 67%
XYZ	14.5893, 17.5695, 40.6525
YIQ	92.7550, -88.9450, -12.5050

Conversions

Conversions Part 2

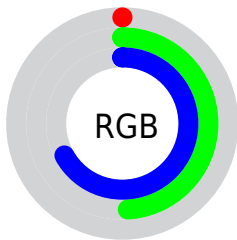
Format	Color
RYB	0, 72, 170
Decimal	32170
CIELab	48.97, -12.33, -32.00
CIELCh	49, 34.290, 248.928
Yxy	17.5701, 0.2004, 0.2413
Android (android.graphics.Color)	4278222250 (0xFF007DAA)
YUV	92.7550, 38.0818, -81.3461
Hunter-Lab	41.9160, -11.2242, -28.1616

Details

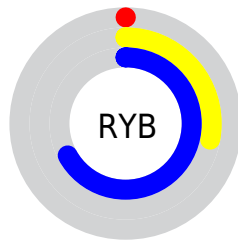
The HunterLab color **41.9160, -11.2242, -28.1616** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **32.2881, 40.3383, 20.6004**, and the grayscale version is **32.8847, -1.7546, 1.7867**.

A 20% lighter version of the original color is **62.8533, -13.8206, -29.3844**, and **25.4497, -3.4749, -24.3087** is the 20% darker color. If you saturate the color by 10%, you get **41.9141, -11.2212, -28.1657**, and if you desaturate by 10%, it is **43.4222, -12.6660, -25.3932**.

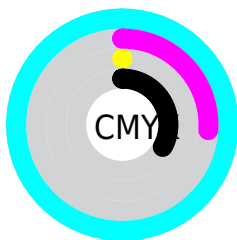
Distribution



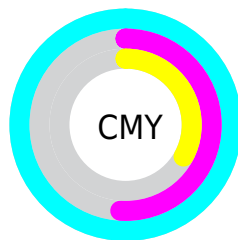
- Red (0%)
- Green (49%)
- Blue (67%)



- Red (0%)
- Yellow (28%)
- Blue (67%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (51%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.9160, -11.2242, -28.1616 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 41.9160, -11.2242, -28.1616 by changing the saturation by 10% instead.

41.9160, -11.2242,
-28.1616

41.9160, -11.2242,
-28.1616

154.4139,
-22.4871, -31.8672

32.6218, -9.9400,
-27.5647

62.6924, -13.7321,
-29.3191

24.1382, -8.6169,
-27.0343

74.0791, -14.9737,
-29.8381

16.5526, -7.2266,
-26.7363

86.0823, -16.2139,
-30.3066

9.9874, -5.9872,
-27.1626

98.6717, -17.4562,
-30.7224

0.0000, NaN, -NF

0.0000, NaN, -NF

111.8212,
-18.7029, -31.0853

0.0000, NaN, NaN

125.5079,

0.0000, NaN, NaN

-19.9561, -31.3961

0.0000, NaN, NaN

139.7116,
-21.2171, -31.6562

■ 41.9160, -11.2242,
-28.1616

■ 41.9160, -11.2242,
-28.1616

■ 41.9141, -11.2212,
-28.1657

■ 43.4222, -12.6660,
-25.3932

■ 45.0487, -13.6862,
-22.5339

■ 46.8281, -14.1620,
-19.5439

■ 48.7633, -14.0837,
-16.4393

■ 50.8526, -13.4634,
-13.2411

■ 53.0916, -12.3277,
-9.9716

■ 55.4740, -10.7116,
-6.6513

■ 57.9925, -8.6545,
-3.2982

■ 60.6395, -6.1967,
0.0730

Harmonies

Analogous

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



41.9167, -20.6866, -16.5285



41.9160, -11.2242, -28.1616



41.9167, 1.8927, -30.4393

Triad

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



41.9167, -11.2238, -28.1608



41.9167, 26.8151, 5.9578



41.9167, -17.4225, 17.3753

Complementary

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



41.9160, -11.2242, -28.1616



32.2881, 40.3383, 20.6004

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.



41.9167, -6.2163, 20.1553



41.9160, -11.2242, -28.1616



41.9167, 20.0805, 15.0852

Square

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



41.9167, -11.2238, -28.1608



41.9167, 25.0284, -7.6725



41.9167, 7.5731, 19.4771



41.9167, -23.9358, 10.2691

Rectangle

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



41.9160, -11.2242, -28.1616



41.9167, 11.1602, -25.8153



41.9167, 7.5731, 19.4771



41.9167, -14.1411, 18.7245

Sweetspot

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



41.9167, -11.2238, -28.1608



74.5377, -14.5669, -9.2118



53.7781, -44.9791, 29.8810



34.5697, -7.3288, -5.2178



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



41.9167, -11.2238, -28.1608



56.1262, -14.6336, -38.5630



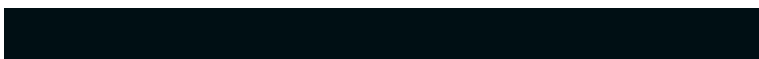
21.4377, 29.9514, -91.4467



28.6199, -2.8274, 0.1462



36.0800, -9.8140, -23.9114



6.2735, -2.4236, -2.6094

Inverse Universe

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



31.6662, 58.8999, -15.7845



42.6080, 79.1833, -20.6514



48.8431, 3.0856, 30.1499



27.6264, 1.7658, -0.0443



27.1757, 50.5818, -13.7767



4.3294, 8.2108, -3.3771

Previews

White Background



This preview shows how the HunterLab color 41.9160, -11.2242, -28.1616 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 41.9160, -11.2242, -28.1616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

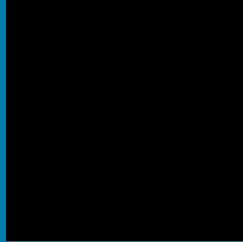
Any Text WCAG AA ✓ Pass

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 41.9160, -11.2242, -28.1616 Background



This preview shows how black text looks on a background with the HunterLab color 41.9160, -11.2242, -28.1616.



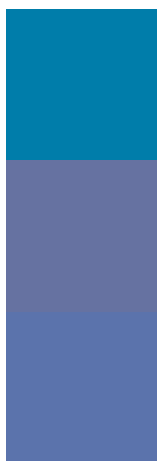
This preview shows how white text looks on a background with the HunterLab color 41.9160, -11.2242, -28.1616.

-11.2242, -28.1616.

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

41.9160, -11.2242, -28.1616

Protanopia

41.7524, 3.5870, -22.0907

Deuteranopia

41.7902, 3.2880, -29.5652



Tritanopia

41.9101, -20.0593, -9.0818

Trichromacy



Original Color

41.9160, -11.2242, -28.1616

Protanomaly

40.9402, -4.6788, -25.7187

Deuteranomaly

41.2716, -4.3555, -29.9936

Tritanomaly

42.0004, -17.2985, -15.1544

Monochromacy



Original Color

41.9160, -11.2242, -28.1616

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

35.2327, -9.4418, -8.8957

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.9160, -11.2242, -28.1616 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, 125, 170)` looks like.

```
.text, #text, p{  
    color:rgb(0, 125, 170)  
}
```

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, 125, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 125, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 41.9160, -11.2242, -28.1616 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, 125, 170) }
```


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

```
.border{ border-color:rgb(0, 125, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 125, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 125, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 125, 170);  
box-shadow:4px 4px 4px 4px rgb(0, 125,  
170) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.9160, -11.2242, -28.1616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 125, 170) }
```

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

```
.background{ background-color: rgb(0, 125,  
170) }
```

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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