

Converting Colors

HunterLab(36.3912, -46.4595,
-17.6922)

Have a look what the booklet for
HunterLab(36.3912, -46.4595,
-17.6922) contains.

HunterLab(42.5060, -21.0372, -7.7154)	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(42.5060,
-21.0372, -7.7154)**

Conversions

Conversions Part 1

Format	Color
Hex	00838A
RGB	0, 131, 138
RGB Percent	0%, 51%, 54%
CMY	0.9999, 0.4863, 0.4588
CMYK	1.00, 0.05, 0.00, 0.46
HSL	183°, 100%, 27%
HSV	183°, 100%, 54%
XYZ	12.7038, 18.0676, 26.8626
YIQ	92.6290, -80.3230, -25.5950

Conversions

Conversions Part 2

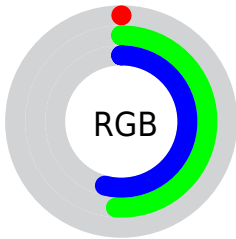
Format	Color
RYB	0, 67, 138
Decimal	33674
CIELab	49.58, -27.02, -12.37
CIELCh	50, 29.717, 204.600
Yxy	18.0683, 0.2204, 0.3135
Android (android.graphics.Color)	4278223754 (0xFF00838A)
YUV	92.6290, 22.3679, -81.2356
Hunter-Lab	42.5060, -21.0372, -7.7154

Details

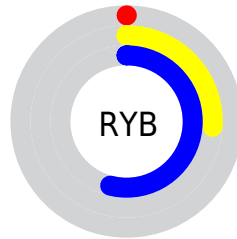
The HunterLab color **42.5060, -21.0372, -7.7154** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **23.5707, 38.7042, 15.2002**, and the grayscale version is **32.8913, -1.7550, 1.7870**.

A 20% lighter version of the original color is **63.1881, -25.2655, -7.7556**, and **25.6699, -12.2131, -5.7206** is the 20% darker color. If you saturate the color by 10%, you get **42.5063, -21.0374, -7.7155**, and if you desaturate by 10%, it is **42.8354, -20.8865, -7.2523**.

Distribution



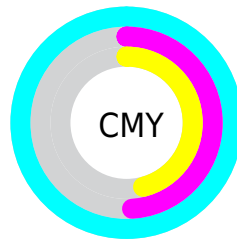
- Red (0%)
- Green (51%)
- Blue (54%)



- Red (0%)
- Yellow (26%)
- Blue (54%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (49%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.5060, -21.0372, -7.7154 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 42.5060, -21.0372, -7.7154 by changing the saturation by 10% instead.

■ 42.5060, -21.0372,
-7.7154

■ 42.5060, -21.0372,
-7.7154

155.3240,
-38.8834, -6.0682

■ 33.1648, -18.7435,
-7.6033

■ 63.3669, -25.3210,
-7.7269

■ 24.6296, -16.2941,
-7.4125

■ 74.7920, -27.3599,
-7.6395

■ 16.9863, -13.6138,
-7.1376

■ 86.8317, -29.3511,
-7.4964

■ 10.3546, -12.1162,
-6.7871

■ 99.4558, -31.3050,
-7.3016

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 112.6387,
-33.2295, -7.0586

0.0000, NaN, NaN

■ 126.3574,

0.0000, NaN, NaN

-35.1310, -6.7704

0.0000, NaN, NaN

140.5919,
-37.0143, -6.4395

■ 42.5060, -21.0372,
-7.7154

■ 42.5060, -21.0372,
-7.7154

■ 42.5063, -21.0374,
-7.7155

■ 42.8354, -20.8865,
-7.2523

■ 43.2300, -20.4799,
-6.6983

■ 43.7243, -19.6890,
-6.0071

■ 44.3272, -18.4864,
-5.1710

■ 45.0447, -16.8595,
-4.1881

■ 45.8805, -14.8084,
-3.0606

■ 46.8363, -12.3437,
-1.7945

■ 47.9119, -9.4842,
-0.3983

■ 49.1059, -6.2547,
1.1175

Harmonies

Analogous

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



42.5068, -22.6272, 4.2999



42.5060, -21.0372, -7.7154



42.5068, -14.6600, -19.3715

Triad

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



42.5068, -21.0372, -7.7148



42.5068, 17.9042, -12.2251



42.5068, -0.1087, 18.7098

Complementary

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



42.5060, -21.0372, -7.7154



23.5707, 38.7042, 15.2002

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.



42.5068, 11.7241, 16.4420



42.5060, -21.0372, -7.7154



42.5068, 22.8267, 0.2269

Square

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



42.5068, -21.0372, -7.7148



42.5068, 7.6186, -22.4350



42.5068, 20.4502, 10.3713



42.5068, -11.3305, 17.6599

Rectangle

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



42.5060, -21.0372, -7.7154



42.5068, -8.1433, -24.2785



42.5068, 20.4502, 10.3713



42.5068, 3.9399, 18.3345

Sweetspot

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



42.5068, -21.0372, -7.7148



62.0940, -16.6193, -2.4982



42.6527, -36.4469, 25.3681



29.1824, -8.4571, -1.4800



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



42.5068, -21.0372, -7.7148



56.3707, -27.8537, -10.3304



23.0056, 8.7498, -47.6399



23.7611, -2.8825, 0.6030



40.7086, -20.1534, -7.3768



3.4099, -1.7538, -0.4760

Inverse Universe

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



26.5378, 51.6174, -30.7192



35.2216, 68.4984, -40.6536



32.4960, 14.8691, 20.2831



22.6377, 1.5683, -0.5574



25.4109, 49.4320, -29.4323



2.0861, 4.0811, -2.5942

Previews

White Background



This preview shows how the HunterLab color 42.5060, -21.0372, -7.7154 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 42.5060, -21.0372, -7.7154 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 42.5060, -21.0372, -7.7154 Background



This preview shows how black text looks on a background with the HunterLab color 42.5060, -21.0372, -7.7154.



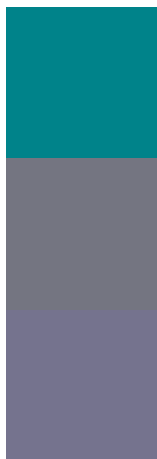
This preview shows how white text looks on a background with the HunterLab color 42.5060,

-21.0372, -7.7154.

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

42.5060, -21.0372, -7.7154

Protanopia

42.4506, -0.5930, -2.8600

Deuteranopia

42.4221, 2.9700, -9.5744



Tritanopia

42.7285, -19.9613, -8.9869

Trichromacy



Original Color

42.5060, -21.0372, -7.7154

Protanomaly

41.2806, -11.9270, -6.1254

Deuteranomaly

41.2961, -9.7262, -10.9032

Tritanomaly

42.6504, -20.3350, -8.5657

Monochromacy



Original Color

42.5060, -21.0372, -7.7154

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

35.4250, -12.5044, -2.6049

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.5060, -21.0372, -7.7154 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, 131, 138)` looks like.

```
.text, #text, p{  
    color:rgb(0, 131, 138)  
}
```

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, 131, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 131, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 42.5060, -21.0372, -7.7154 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, 131, 138) }
```


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

```
.border{ border-color:rgb(0, 131, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 131, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 131, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 131, 138);  
box-shadow:4px 4px 4px 4px rgb(0, 131,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.5060, -21.0372, -7.7154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 131, 138) }
```

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

```
.background{ background-color: rgb(0, 131,  
138) }
```

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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