

Converting Colors

HunterLab(48.8134, -21.7537,
-4.5767)

Have a look what the booklet for
HunterLab(48.8134, -21.7537,
-4.5767) contains.

HunterLab(48.8327, -21.8181, -4.3082)	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(48.8327,
-21.8181, -4.3082)**

Conversions

Conversions Part 1

Format	Color
Hex	389394
RGB	56, 147, 148
RGB Percent	22%, 58%, 58%
CMY	0.7804, 0.4235, 0.4196
CMYK	0.62, 0.01, 0.00, 0.42
HSL	181°, 45%, 40%
HSV	181°, 62%, 58%
XYZ	17.4099, 23.8463, 31.7022
YIQ	119.9050, -54.5570, -18.9810

Conversions

Conversions Part 2

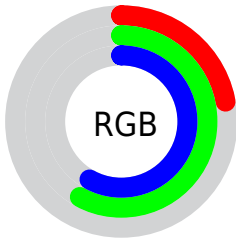
Format	Color
R _Y B	56, 102, 148
Decimal	3707796
CIE Lab	55.93, -26.10, -8.53
CIE LCh	56, 27.459, 198.107
Yxy	23.8472, 0.2386, 0.3269
Android (android.graphics.Color)	4281897876 (0xFF389394)
YUV	119.9050, 13.8508, -56.0447
Hunter-Lab	48.8327, -21.8181, -4.3082




Details

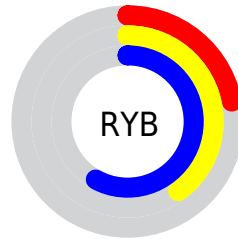
The HunterLab color **48.8327, -21.8181, -4.3082** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **30.8353, 29.3402, 12.3191**, and the grayscale version is **43.2657, -2.3086, 2.3507**.




A 20% lighter version of the original color is **70.4379, -25.7352, -4.0807**, and **30.3790, -15.9076, -3.6312** is the 20% darker color. If you saturate the color by 10%, you get **48.4067, -23.2145, -4.8951**, and if you desaturate by 10%, it is **49.3848, -19.9578, -3.5557**.

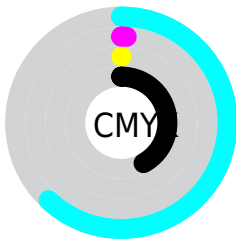
Distribution







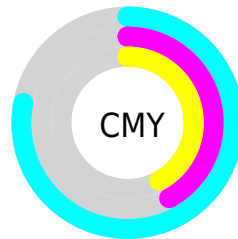
-  Red (22%)
-  Green (58%)
-  Blue (58%)






-  Red (22%)
-  Yellow (40%)
-  Blue (58%)



-  Cyan (62%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (42%)



-  Cyan (78%)
-  Magenta (42%)
-  Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.8327, -21.8181, -4.3082 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 48.8327, -21.8181, -4.3082 by changing the saturation by 10% instead.

■ 48.8327, -21.8181,
-4.3082

■ 48.8327, -21.8181,
-4.3082

164.9385,
-39.0409, -1.0873

■ 39.0132, -19.6608,
-4.4102

■ 70.5555, -25.8969,
-3.9195

■ 29.9569, -17.3849,
-4.4425

■ 82.3749, -27.8548,
-3.6450

■ 21.7355, -14.9394,
-4.3951

■ 94.7892, -29.7747,
-3.3224

■ 14.4445, -12.2353,
-4.2564

■ 107.7713,
-31.6650, -2.9549

■ 8.1055, -14.1846,
-4.2409

■ 121.2972,
-33.5321, -2.5454

0.0000, NaN, -NF

0.0000, NaN, NaN

135.3459,

-35.3812, -2.0963

0.0000, NaN, NaN

149.8986,
-37.2164, -1.6097

0.0000, NaN, NaN

■ 48.8327, -21.8181,
-4.3082

■ 48.8327, -21.8181,
-4.3082

■ 48.4067, -23.2145,
-4.8951

■ 49.3848, -19.9578,
-3.5557

■ 48.0952, -24.1684,
-5.3259

■ 50.0661, -17.6256,
-2.6373

■ 47.8874, -24.7192,
-5.6134

■ 50.8813, -14.8268,
-1.5544

■ 47.7679, -24.9812,
-5.7785

■ 51.8320, -11.5775,
-0.3129

■ 52.9182, -7.9021,
1.0786

■ 54.1383, -3.8312,
2.6091

■ 55.4895, 0.6003,
4.2665

■ 56.9682, 5.3556,
6.0379

■ 58.5697, 10.3976,
7.9104

Harmonies

Analogous

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



48.8336, -22.3348, 6.7796



48.8327, -21.8181, -4.3082



48.8336, -16.4545, -15.6387

Triad

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



48.8336, -21.8183, -4.3075



48.8336, 14.8809, -13.4929



48.8336, 2.0115, 19.0293

Complementary

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



48.8327, -21.8181, -4.3082



30.8353, 29.3402, 12.3191

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.



48.8336, 12.9763, 15.8173



48.8327, -21.8181, -4.3082



48.8336, 20.8514, -1.8571

Square

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



48.8336, -21.8183, -4.3075



48.8336, 4.4227, -21.7260



48.8336, 20.1239, 8.7282



48.8336, -9.2626, 18.6660

Rectangle

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



48.8327, -21.8181, -4.3082



48.8336, -10.5479, -21.0355



48.8336, 20.1239, 8.7282



48.8336, 5.8735, 18.3691

Sweetspot

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



48.8336, -21.8183, -4.3075



69.2323, -14.0766, 0.0788



47.2299, -33.7653, 23.8142



32.9057, -7.3117, -0.1849



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



48.8336, -21.8183, -4.3075



64.1018, -31.4556, -6.7752



35.3304, -2.5737, -25.2923



25.5960, -3.2379, 0.7291



44.1503, -23.0914, -5.3364



4.9130, -2.5886, -0.5527

Inverse Universe

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



33.5134, 41.9853, -27.4509



41.1238, 66.3180, -43.4800



40.1060, 8.4965, 19.3299



24.3066, 1.7651, -0.7383



26.7603, 52.4920, -34.3679



2.9653, 5.8238, -3.8637

Previews

White Background



This preview shows how the HunterLab color 48.8327, -21.8181, -4.3082 looks on a white 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

Black Background



This preview shows how the HunterLab color 48.8327, -21.8181, -4.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

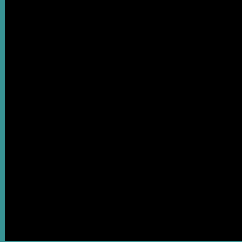
Any Text WCAG AA ✓ Pass

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 48.8327, -21.8181, -4.3082 Background



This preview shows how black text looks on a background with the HunterLab color 48.8327, -21.8181, -4.3082.



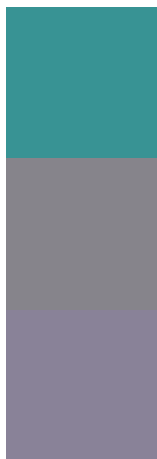
This preview shows how white text looks on a background with the HunterLab color 48.8327,

-21.8181, -4.3082.

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

48.8327, -21.8181, -4.3082

Protanopia

48.4096, -0.8571, -0.1012

Deuteranopia

48.5290, 3.2288, -6.3330



Tritanopia

48.9415, -19.1658, -8.8210

Trichromacy



Original Color

48.8327, -21.8181, -4.3082

Protanomaly

47.8628, -10.0220, -2.3837

Deuteranomaly

47.9904, -7.4569, -6.7309

Tritanomaly

48.8064, -19.8897, -7.4126

Monochromacy



Original Color

48.8327, -21.8181, -4.3082

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

44.8535, -11.0722, -0.4718

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.8327, -21.8181, -4.3082 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(56, 147, 148)` looks like.

```
.text, #text, p{  
    color:rgb(56, 147, 148)  
}
```

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(56, 147, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 147, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 48.8327, -21.8181, -4.3082 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(56, 147, 148) }
```


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

```
.border{ border-color:rgb(56, 147, 148) }
```

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

Here you see how a box with a 4 pixel rgb(56, 147, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 147, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 147, 148);  
box-shadow:4px 4px 4px 4px rgb(56, 147,  
148) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.8327, -21.8181, -4.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 147, 148) }
```

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

```
.background{ background-color: rgb(56, 147,  
148) }
```

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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