

Converting Colors

HunterLab(42.0547, -21.6871,
-4.1854)

Have a look what the booklet for
HunterLab(42.0547, -21.6871,
-4.1854) contains.

HunterLab(42.0668, -21.6665, -4.2237)	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(42.0668,
-21.6665, -4.2237)**

Conversions

Conversions Part 1

Format	Color
Hex	118282
RGB	17, 130, 130
RGB Percent	7%, 51%, 51%
CMY	0.9333, 0.4902, 0.4902
CMYK	0.87, 0.00, 0.00, 0.49
HSL	180°, 77%, 29%
HSV	180°, 87%, 51%
XYZ	12.2431, 17.6962, 23.8895
YIQ	96.2130, -67.3480, -23.9560

Conversions

Conversions Part 2

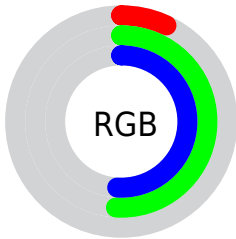
Format	Color
RYB	17, 74, 130
Decimal	1147522
CIELab	49.13, -28.20, -8.34
CIELCh	49, 29.406, 196.479
Yxy	17.6968, 0.2274, 0.3288
Android (android.graphics.Color)	4279337602 (0xFF118282)
YUV	96.2130, 16.6570, -69.4698
Hunter-Lab	42.0668, -21.6665, -4.2237

Details

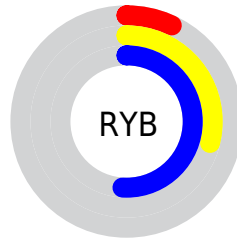
The HunterLab color **42.0668, -21.6665, -4.2237** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **22.7766, 34.6559, 13.2598**, and the grayscale version is **34.2401, -1.8270, 1.8603**.

A 20% lighter version of the original color is **62.7380, -25.8443, -4.1312**, and **25.1623, -13.1479, -3.0681** is the 20% darker color. If you saturate the color by 10%, you get **41.9564, -22.1052, -4.3781**, and if you desaturate by 10%, it is **42.2537, -20.9351, -3.9646**.

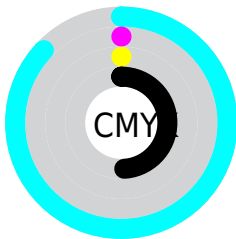
Distribution



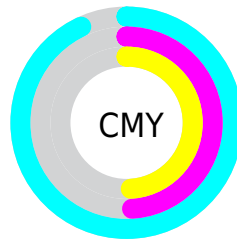
- Red (7%)
- Green (51%)
- Blue (51%)



- Red (7%)
- Yellow (29%)
- Blue (51%)



- Cyan (87%)
- Magenta (0%)
- Yellow (0%)
- Black (49%)



- Cyan (93%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.0668, -21.6665, -4.2237 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 42.0668, -21.6665, -4.2237 by changing the saturation by 10% instead.

■ 42.0668, -21.6665,
-4.2237

■ 42.0668, -21.6665,
-4.2237

154.6469,
-40.0738, -1.2172

■ 32.7606, -19.2822,
-4.2880

■ 62.8650, -26.1059,
-3.8982

■ 24.2637, -16.7292,
-4.2766

■ 74.2615, -28.2135,
-3.6506

■ 16.6633, -13.9264,
-4.1781

■ 86.2740, -30.2686,
-3.3526

■ 10.0810, -12.8269,
-3.9808

■ 98.8723, -32.2827,
-3.0078

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 112.0304,
-34.2643, -2.6195

0.0000, NaN, NaN

■ 125.7253,

0.0000, NaN, NaN

-36.2199, -2.1901

0.0000, NaN, NaN

139.9369,
-38.1550, -1.7220

■ 42.0668, -21.6665,
-4.2237

■ 42.0668, -21.6665,
-4.2237

■ 41.9564, -22.1052,
-4.3781

■ 42.2537, -20.9351,
-3.9646

■ 41.9256, -22.2272,
-4.4212

■ 42.5340, -19.8403,
-3.5775

■ 42.9170, -18.3574,
-3.0529

■ 43.4088, -16.4744,
-2.3864

■ 44.0136, -14.1907,
-1.5774

■ 44.7338, -11.5153,
-0.6288

■ 45.5703, -8.4652,
0.4538

■ 46.5225, -5.0638,
1.6625

■ 47.5889, -1.3390,
2.9878

Harmonies

Analogous

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



42.0676, -21.9086, 6.9791



42.0668, -21.6665, -4.2237



42.0676, -16.6047, -16.3054

Triad

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



42.0676, -21.6666, -4.2231



42.0676, 15.2836, -15.2116



42.0676, 3.1266, 18.2009

Complementary

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



42.0668, -21.6665, -4.2237



22.7766, 34.6559, 13.2598

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.



42.0676, 14.3392, 15.0092



42.0668, -21.6665, -4.2237



42.0676, 21.8571, -3.0103

Square

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



42.0676, -21.6666, -4.2231



42.0676, 4.3063, -23.7380



42.0676, 21.4937, 7.9036



42.0676, -8.4220, 18.0418

Rectangle

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



42.0668, -21.6665, -4.2237



42.0676, -10.8291, -22.3472



42.0676, 21.4937, 7.9036



42.0676, 7.0837, 17.5316

Sweetspot

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



42.0676, -21.6666, -4.2231



59.3970, -15.1572, -0.7904



40.1792, -33.2150, 23.3935



28.1209, -7.7192, -0.5563



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



42.0676, -21.6666, -4.2231



55.6367, -29.4963, -5.8671



26.1080, 0.8258, -31.8601



22.1063, -2.7828, 0.6638



41.0531, -21.7646, -4.3292

0.0000, NaN, NaN

Inverse Universe

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



22.7766, 34.6559, 13.2598



28.9099, 49.5090, 18.6808



30.6149, 14.0613, 18.0830



20.8429, 0.5883, 1.7023



21.3319, 36.5316, 13.7841

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 42.0668, -21.6665, -4.2237 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 42.0668, -21.6665, -4.2237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

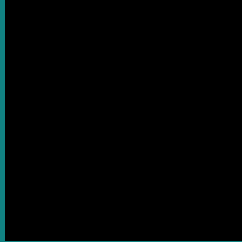
Any Text WCAG AA ✓ Pass

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 42.0668, -21.6665, -4.2237 Background



This preview shows how black text looks on a background with the HunterLab color 42.0668, -21.6665, -4.2237.



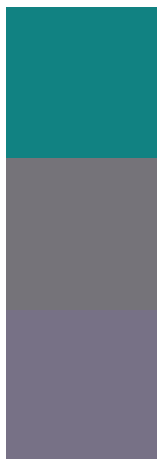
This preview shows how white text looks on a background with the HunterLab color 42.0668, -21.6665, -4.2237.

-21.6665, -4.2237.

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

42.0668, -21.6665, -4.2237

Protanopia

41.7419, -0.7020, 0.0151

Deuteranopia

41.7773, 3.0112, -6.2131



Tritanopia

42.2036, -18.9180, -8.6406

Trichromacy



Original Color

42.0668, -21.6665, -4.2237

Protanomaly

40.7891, -11.2178, -2.7802

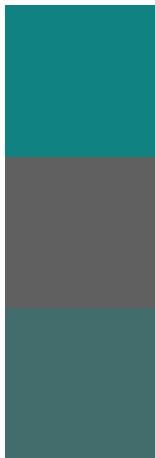
Deuteranomaly

40.8423, -8.9321, -7.2028

Tritanomaly

42.0384, -19.7652, -7.2934

Monochromacy



Original Color

42.0668, -21.6665, -4.2237

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

36.0571, -11.6937, -1.3153

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.0668, -21.6665, -4.2237 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(17, 130, 130)` looks like.

```
.text, #text, p{  
    color:rgb(17, 130, 130)  
}
```

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(17, 130, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 130, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 42.0668, -21.6665, -4.2237 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(17, 130, 130) }
```


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

```
.border{ border-color:rgb(17, 130, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 130, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(17, 130, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(17, 130, 130); box-shadow:4px 4px 4px 4px rgb(17, 130, 130) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.0668, -21.6665, -4.2237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 130, 130) }
```

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

```
.background{ background-color: rgb(17, 130,  
130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor