

Converting Colors

HunterLab(63.4136, -21.6669,
-2.6823)

Have a look what the booklet for
HunterLab(63.4136, -21.6669,
-2.6823) contains.

HunterLab(63.4136, -21.6669, -2.6823)	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(63.4136,
-21.6669, -2.6823)**

Conversions

Conversions Part 1

Format	Color
Hex	6FB6B6
RGB	111, 182, 182
RGB Percent	44%, 71%, 71%
CMY	0.5647, 0.2863, 0.2863
CMYK	0.39, 0.00, 0.00, 0.29
HSL	180°, 33%, 57%
HSV	180°, 39%, 71%
XYZ	31.7270, 40.2128, 50.3456
YIQ	160.7710, -42.3160, -15.0520

Conversions

Conversions Part 2

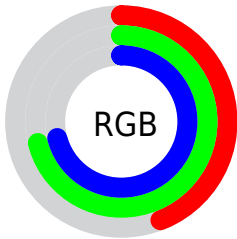
Format	Color
RYB	111, 147, 182
Decimal	7321270
CIELab	69.62, -22.21, -7.03
CIELCh	70, 23.299, 197.566
Yxy	40.2144, 0.2595, 0.3288
Android (android.graphics.Color)	4285511350 (0xFF6FB6B6)
YUV	160.7710, 10.4659, -43.6492
Hunter-Lab	63.4136, -21.6669, -2.6823

Details

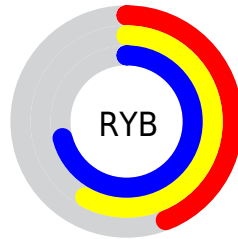
The HunterLab color $63.4136, -21.6669, -2.6823$ is a light color, and the websafe version is hex $66CCCC$. A complement of this color would be $47.3950, 21.9348, 10.7734$, and the grayscale version is $59.5777, -3.1789, 3.2370$.

A 20% lighter version of the original color is $86.8499, -25.1094, -2.1436$, and $42.5749, -18.1424, -3.0060$ is the 20% darker color. If you saturate the color by 10%, you get $62.5712, -24.8686, -3.8149$, and if you desaturate by 10%, it is $64.4343, -17.8605, -1.3321$.

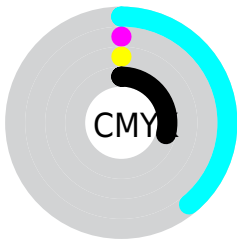
Distribution



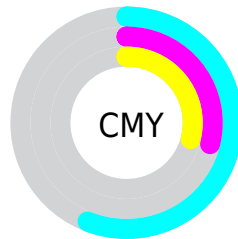
- Red (44%)
- Green (71%)
- Blue (71%)



- Red (44%)
- Yellow (58%)
- Blue (71%)



- Cyan (39%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)



- Cyan (56%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.4136, -21.6669, -2.6823 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 63.4136, -21.6669, -2.6823 by changing the saturation by 10% instead.

63.4136, -21.6669,
-2.6823

63.4136, -21.6669,
-2.6823

186.2865,
-36.9631, 1.5656

52.6363, -19.8521,
-2.9346

86.8849, -25.1811,
-2.0223

42.5488, -17.9787,
-3.1304

99.5116, -26.8982,
-1.6241

33.2034, -16.0249,
-3.2620

112.6968,
-28.5975, -1.1842

24.6646, -13.9561,
-3.3209

126.4178,
-30.2838, -0.7051

17.0173, -11.7137,
-3.2956

140.6544,
-31.9608, -0.1888

10.3808, -10.0811,
-3.1716

155.3887,

0.0000, NaN, -NF

-33.6315, 0.3628

0.0000, NaN, NaN

170.6043,
-35.2983, 0.9481

0.0000, NaN, NaN

■ 63.4136, -21.6669,
-2.6823

■ 63.4136, -21.6669,
-2.6823

■ 62.5712, -24.8686,
-3.8149

■ 64.4343, -17.8605,
-1.3321

■ 61.8987, -27.4546,
-4.7298

■ 65.6317, -13.4709,
0.2253

■ 61.3898, -29.4328,
-5.4293

■ 67.0068, -8.5331,
1.9792

■ 61.0332, -30.8295,
-5.9228

■ 68.5573, -3.0895,
3.9154

■ 60.8139, -31.6931,
-6.2278

■ 70.2795, 2.8126,
6.0176

■ 60.7011, -32.1390,
-6.3851

■ 72.1682, 9.1234,
8.2688

■ 60.6915, -32.1769,
-6.3985

■ 74.2174, 15.7933,
10.6521

■ 76.2200, 22.1472,
12.9260

■ 76.2200, 22.1473,
12.9258

Harmonies

Analogous

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



63.4148, -22.0840, 7.4851



63.4136, -21.6669, -2.6823



63.4148, -16.5584, -12.5855

Triad

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



63.4148, -21.6675, -2.6814



63.4148, 12.3635, -11.0691



63.4148, 1.0601, 19.6132

Complementary

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



63.4136, -21.6669, -2.6823



47.3950, 21.9348, 10.7734

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.



63.4148, 10.9556, 16.1563



63.4136, -21.6669, -2.6823



63.4148, 17.7634, -0.8650

Square

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



63.4148, -21.6675, -2.6814



63.4148, 2.8807, -17.9478



63.4148, 17.2318, 9.0277



63.4148, -9.4204, 19.2903

Rectangle

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



63.4136, -21.6669, -2.6823



63.4148, -10.9771, -17.2055



63.4148, 17.2318, 9.0277



63.4148, 4.5777, 18.8818

Sweetspot

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



63.4148, -21.6675, -2.6814



89.6040, -13.6889, 1.8833



61.6944, -31.8604, 23.0044



41.9965, -6.8435, 0.7394



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



63.4148, -21.6675, -2.6814



84.3744, -33.0046, -4.9667



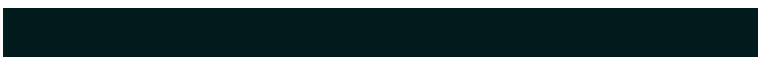
52.7625, -5.9286, -17.3248



31.9541, -4.1546, 0.9152



51.0011, -27.0393, -5.3769



9.5758, -5.0768, -1.0097

Inverse Universe

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



47.3950, 21.9348, 10.7734



58.6270, 37.8916, 16.9321



56.0731, 4.8085, 18.7335



30.0204, 1.0056, 2.5048



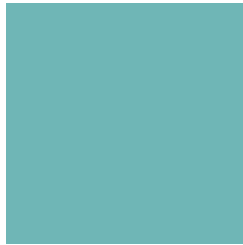
26.5012, 45.3841, 17.1241



4.9758, 8.5212, 3.2150

Previews

White Background



This preview shows how the HunterLab color 63.4136, -21.6669, -2.6823 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 63.4136, -21.6669, -2.6823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

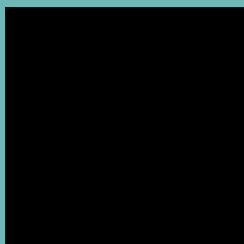
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

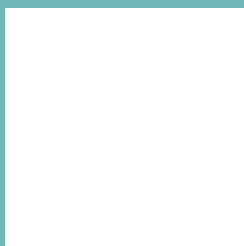
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 63.4136, -21.6669, -2.6823 Background



This preview shows how black text looks on a background with the HunterLab color 63.4136, -21.6669, -2.6823.



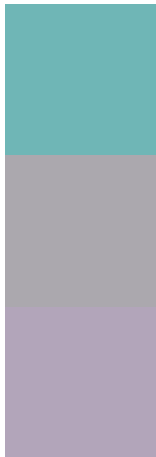
This preview shows how white text looks on a background with the HunterLab color 63.4136,

-21.6669, -2.6823.

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

63.4136, -21.6669, -2.6823

Protanopia

63.0232, -1.4251, 1.1372

Deuteranopia

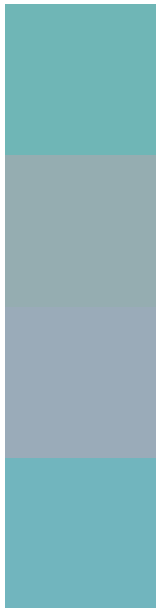
63.1826, 4.3521, -4.5834



Tritanopia

63.3720, -17.6370, -9.5634

Trichromacy



Original Color

63.4136, -21.6669, -2.6823

Protanomaly

62.8101, -9.6729, -0.7300

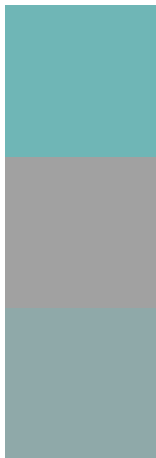
Deuteranomaly

62.8479, -5.9015, -4.6772

Tritanomaly

63.4635, -19.2898, -6.7434

Monochromacy



Original Color

63.4136, -21.6669, -2.6823

Achromatopsia

59.6993, -3.1854, 3.2436

Achromatomaly

60.8935, -10.7756, 0.7859

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.4136, -21.6669, -2.6823 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(111, 182, 182)` looks like.

```
.text, #text, p{  
    color:rgb(111, 182, 182)  
}
```

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(111, 182, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 182, 182) }
```

Border

The CSS property to change the border of an element to HunterLab 63.4136, -21.6669, -2.6823 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(111, 182, 182) }
```


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

```
.border{ border-color:rgb(111, 182, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 182, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 182, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 182, 182);  
box-shadow:4px 4px 4px 4px rgb(111, 182,  
182) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.4136, -21.6669, -2.6823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 182, 182) }
```

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

```
.background{ background-color: rgb(111,  
182, 182) }
```

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