

Converting Colors

HunterLab(70.6021, -13.1011,
18.1836)

Have a look what the booklet for
HunterLab(70.6021, -13.1011,
18.1836) contains.

HunterLab(70.5621, -13.2570, 18.2876)	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(70.5621,
-13.2570, 18.2876)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C098
RGB	181, 192, 152
RGB Percent	71%, 75%, 60%
CMY	0.2902, 0.2470, 0.4039
CMYK	0.06, 0.00, 0.21, 0.25
HSL	77°, 24%, 67%
HSV	77°, 21%, 75%
XYZ	43.5733, 49.7901, 37.0197
YIQ	184.1510, 6.2840, -14.7720

Conversions

Conversions Part 2

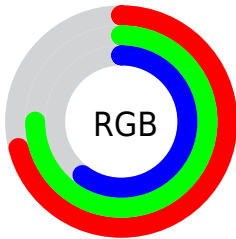
Format	Color
RYB	152, 192, 163
Decimal	11911320
CIELab	75.94, -10.76, 18.93
CIELCh	76, 21.774, 119.618
Yxy	49.7923, 0.3342, 0.3819
Android (android.graphics.Color)	4290101400 (0xFFB5C098)
YUV	184.1510, -15.8504, -2.7634
Hunter-Lab	70.5621, -13.2570, 18.2876

Details

The HunterLab color $70.5621, -13.2570, 18.2876$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $58.3525, 7.5447, -14.5846$, and the grayscale version is $69.3602, -3.7009, 3.7685$.

A 20% lighter version of the original color is $94.6549, -15.4744, 21.4791$, and $48.9837, -11.0775, 15.0872$ is the 20% darker color. If you saturate the color by 10%, you get $69.7042, -17.2149, 23.8363$, and if you desaturate by 10%, it is $71.5010, -8.9434, 11.8699$.

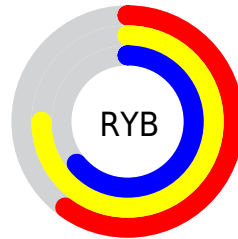
Distribution



Red (71%)

Green (75%)

Blue (60%)



Red (60%)

Yellow (75%)

Blue (64%)

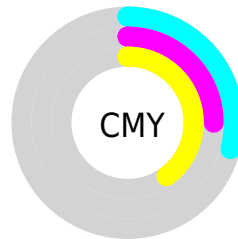


Cyan (6%)

Magenta (0%)

Yellow (21%)

Black (25%)



Cyan (29%)

Magenta (25%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.5621, -13.2570, 18.2876 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 70.5621, -13.2570, 18.2876 by changing the saturation by 10% instead.

■ 70.5621, -13.2570,
18.2876

■ 70.5621, -13.2570,
18.2876

196.4314,
-24.0231, 32.2907

■ 59.3703, -12.1001,
16.6654

■ 94.7982, -15.5860,
21.4580

■ 48.8408, -10.9394,
15.0027

■ 107.7806,
-16.7596, 23.0188

■ 39.0199, -9.7705,
13.2844

121.3069,
-17.9422, 24.5702

■ 29.9630, -8.5838,
11.4866

135.3560,
-19.1350, 26.1158

■ 21.7410, -7.3637,
9.5718

149.9091,
-20.3389, 27.6586

■ 14.4493, -6.0824,
7.6598

164.9494,

■ 8.1103, -6.2149,

-21.5545, 29.2009

5.6772

180.4614,
-22.7825, 30.7444

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.5621, -13.2570,
18.2876

■ 70.5621, -13.2570,
18.2876

■ 69.7042, -17.2149,
23.8363

■ 71.5010, -8.9434,
11.8699

■ 68.9218, -20.8049,
28.5125

■ 72.5165, -4.2786,
4.5906

■ 68.2149, -24.0263,
32.3269

■ 73.6100, 0.7224,
-3.5319

■ 67.5816, -26.8816,
35.3015

■ 74.7809, 6.0447,
-12.4735

■ 67.0188, -29.3791,

■ 76.0285, 11.6715,

37.4725

-22.2050

■ 66.5226, -31.5345,
38.8936

■ 76.8253, 14.8413,
-25.4144

■ 66.0876, -33.3730,
39.6405

■ 77.3450, 16.5156,
-24.5742

■ 65.7317, -34.8403,
39.8936

■ 77.8779, 18.2216,
-23.7197

■ 78.4239, 19.9582,
-22.8514

Harmonies

Analogous

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



70.5636, -3.6374, 20.1516



70.5621, -13.2570, 18.2876



70.5636, -19.9978, 12.6904

Triad

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



70.5636, -13.2588, 18.2885



70.5636, -13.4741, -14.3472



70.5636, 17.0674, 3.7158

Complementary

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



70.5621, -13.2570, 18.2876



58.3525, 7.5447, -14.5846

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.



70.5636, 14.0737, -6.3275



70.5621, -13.2570, 18.2876



70.5636, -3.9002, -17.6261

Square

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



70.5636, -13.2588, 18.2885



70.5636, -20.1170, -6.0802



70.5636, 6.2507, -14.5037



70.5636, 14.2179, 12.5026

Rectangle

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



70.5621, -13.2570, 18.2876



70.5636, -22.1485, 7.1406



70.5636, 6.2507, -14.5037



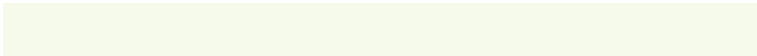
70.5636, 16.7087, 0.3739

Sweetspot

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



70.5636, -13.2588, 18.2885



96.8783, -9.1207, 11.4779



62.8897, 4.7397, 10.8292



44.8304, -4.4148, 5.6125



98.8636, -5.2751, 5.3714



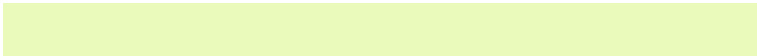
45.2661, -2.4153, 2.4594

Same Dimension

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



70.5636, -13.2588, 18.2885



94.4409, -20.3392, 28.1728



68.9786, -19.0549, 16.6367



34.0802, -3.9403, 5.1659



53.9556, -28.4310, 32.7495



11.3606, -5.3400, 6.9069

Inverse Universe

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



58.3525, 7.5447, -14.5846



74.5258, 13.6952, -25.7252



60.2411, 13.6755, -11.7248



31.4310, 0.5521, -1.9099



17.6085, 44.6981, -101.3564



4.1169, 9.7379, -18.1731

Previews

White Background



This preview shows how the HunterLab color 70.5621, -13.2570, 18.2876 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 70.5621, -13.2570, 18.2876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

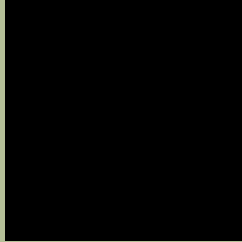
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

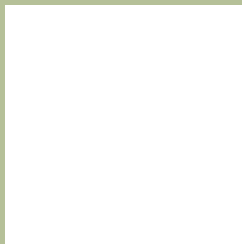
Any Text WCAG AAA ✓ Pass

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

HunterLab 70.5621, -13.2570, 18.2876 Background



This preview shows how black text looks on a background with the HunterLab color 70.5621, -13.2570, 18.2876.



This preview shows how white text looks on a background with the HunterLab color 70.5621,

-13.2570, 18.2876.

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

70.5621, -13.2570, 18.2876

Protanopia

70.6064, -5.3769, 19.5367

Deuteranopia

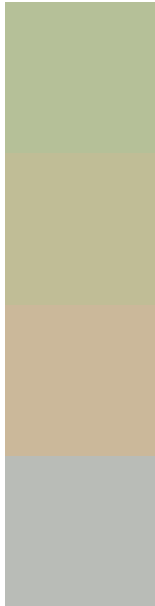
70.4329, 4.8691, 17.3814



Tritanopia

70.3985, -0.1885, -2.6453

Trichromacy



Original Color

70.5621, -13.2570, 18.2876

Protanomaly

70.5717, -8.5651, 19.0945

Deuteranomaly

70.2215, -1.8858, 17.4245

Tritanomaly

70.4980, -5.5376, 5.6662

Monochromacy



Original Color

70.5621, -13.2570, 18.2876

Achromatopsia

69.2330, -3.6941, 3.7616

Achromatomaly

69.7040, -7.3973, 9.6232

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.5621, -13.2570, 18.2876 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(181, 192, 152)` looks like.

```
.text, #text, p{  
    color:rgb(181, 192, 152)  
}
```

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(181, 192, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 192, 152) }
```

Border

The CSS property to change the border of an element to HunterLab 70.5621, -13.2570, 18.2876 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(181, 192, 152) }
```


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

```
.border{ border-color:rgb(181, 192, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 192, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 192, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 192, 152);  
box-shadow:4px 4px 4px 4px rgb(181, 192,  
152) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.5621, -13.2570, 18.2876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 192, 152) }
```

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

```
.background{ background-color: rgb(181,  
192, 152) }
```

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