

Converting Colors

HunterLab(42.5342, -22.6853,
14.7958)

Have a look what the booklet for
HunterLab(42.5342, -22.6853,
14.7958) contains.

HunterLab(42.4621, -22.4779, 14.6252)	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(42.4621,
-22.4779, 14.6252)**

Conversions

Conversions Part 1

Format	Color
Hex	4A8252
RGB	74, 130, 82
RGB Percent	29%, 51%, 32%
CMY	0.7098, 0.4902, 0.6784
CMYK	0.43, 0.00, 0.37, 0.49
HSL	129°, 27%, 40%
HSV	129°, 43%, 51%
XYZ	12.3297, 18.0303, 10.8130
YIQ	107.7840, -17.9680, -26.8000

Conversions

Conversions Part 2

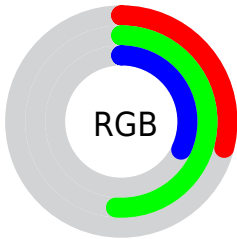
Format	Color
RYB	74, 123, 130
Decimal	4883026
CIELab	49.53, -29.36, 20.37
CIElCh	50, 35.736, 145.247
Yxy	18.0311, 0.2995, 0.4379
Android (android.graphics.Color)	4283073106 (0xFF4A8252)
YUV	107.7840, -12.7115, -29.6286
Hunter-Lab	42.4621, -22.4779, 14.6252

Details

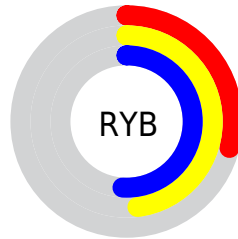
The HunterLab color $42.4621, -22.4779, 14.6252$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $33.2398, 23.2840, -11.9533$, and the grayscale version is $38.6949, -2.0647, 2.1024$.

A 20% lighter version of the original color is $63.2207, -26.7728, 18.0150$, and $24.5668, -17.4306, 10.8046$ is the 20% darker color. If you saturate the color by 10%, you get $41.7267, -25.7933, 16.8236$, and if you desaturate by 10%, it is $43.3418, -18.6196, 12.1686$.

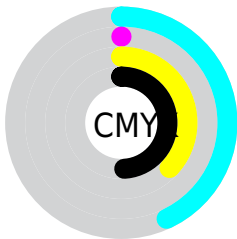
Distribution



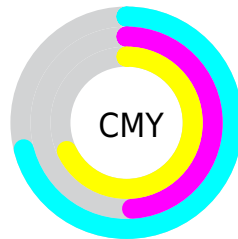
- Red (29%)
- Green (51%)
- Blue (32%)



- Red (29%)
- Yellow (48%)
- Blue (51%)



- Cyan (43%)
- Magenta (0%)
- Yellow (37%)
- Black (49%)



- Cyan (71%)
- Magenta (49%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.4621, -22.4779, 14.6252 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 42.4621, -22.4779, 14.6252 by changing the saturation by 10% instead.

■ 42.4621, -22.4779,
14.6252

■ 42.4621, -22.4779,
14.6252

155.2566,
-41.4072, 29.6012

■ 33.1244, -20.0162,
12.7538

■ 63.3168, -27.0570,
18.1531

■ 24.5931, -17.3775,
10.7680

■ 74.7392, -29.2275,
19.8470

■ 16.9541, -14.4791,
8.6141

■ 86.7761, -31.3422,
21.5107

■ 10.3273, -13.1221,
7.2291

■ 99.3977, -33.4128,
23.1522

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.5781,
-35.4483, 24.7778

0.0000, NaN, NaN

126.2944,

0.0000, NaN, NaN

-37.4557, 26.3921

0.0000, NaN, NaN

140.5266,
-39.4405, 27.9989

■ 42.4621, -22.4779,
14.6252

■ 42.4621, -22.4779,
14.6252

■ 41.7267, -25.7933,
16.8236

■ 43.3418, -18.6196,
12.1686

■ 41.1310, -28.5378,
18.7394

■ 44.3629, -14.2550,
9.4807

■ 40.6712, -30.7026,
20.3565

■ 45.5242, -9.4323,
6.5929

■ 40.3396, -32.2984,
21.6668

■ 46.8219, -4.2036,
3.5367

■ 40.1247, -33.3599,
22.6716

■ 48.2513, 1.3774,
0.3429

■ 40.0144, -33.9058,
23.1783

■ 49.8066, 7.2583,
-2.9598

■ 51.4817, 13.3901,
-6.3458

■ 53.2701, 19.7283,
-9.7925

■ 55.1652, 26.2339,
-13.2811

Harmonies

Analogous

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



42.4630, -13.3120, 19.7487



42.4621, -22.4779, 14.6252



42.4630, -26.2252, 4.4106

Triad

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



42.4630, -22.4786, 14.6256



42.4630, -4.5099, -32.6371



42.4630, 25.4000, 11.9759

Complementary

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



42.4621, -22.4779, 14.6252



33.2398, 23.2840, -11.9533

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.



42.4630, 28.5598, 0.0992



42.4621, -22.4779, 14.6252



42.4630, 10.0346, -28.5853

Square

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



42.4630, -22.4786, 14.6256



42.4630, -16.7571, -25.0929



42.4630, 22.6127, -15.3490



42.4630, 14.4691, 18.6093

Rectangle

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



42.4621, -22.4779, 14.6252



42.4630, -25.5589, -5.1134



42.4630, 22.6127, -15.3490



42.4630, 27.4625, 8.5983

Sweetspot

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



42.4630, -22.4786, 14.6256



60.3765, -12.6618, 8.8347



45.4282, -11.4396, 19.3368



28.5790, -6.6219, 4.5578



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.



42.4630, -22.4786, 14.6256



55.3637, -34.2690, 22.3530



43.0535, -18.9884, 6.0902



21.9727, -3.5271, 2.5731



39.1824, -33.1945, 22.6829

0.0000, NaN, NaN

Inverse Universe

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



33.2398, 23.2840, -11.9533



40.7480, 38.7414, -19.8464



32.3442, 19.0026, 0.6197



20.9814, 1.3333, -0.2704

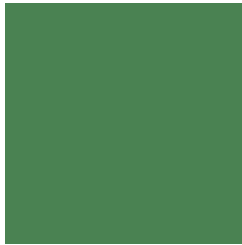


23.7924, 45.4115, -20.7984

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 42.4621, -22.4779, 14.6252 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 42.4621, -22.4779, 14.6252 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 42.4621, -22.4779, 14.6252 Background



This preview shows how black text looks on a background with the HunterLab color 42.4621, -22.4779, 14.6252.



This preview shows how white text looks on a background with the HunterLab color 42.4621, -22.4779, 14.6252.

-22.4779, 14.6252.

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

42.4621, -22.4779, 14.6252

Protanopia

42.1550, -4.1020, 16.0288

Deuteranopia

42.1298, 3.0513, 13.6234



Tritanopia

42.5063, -10.3159, -5.4483

Trichromacy



Original Color

42.4621, -22.4779, 14.6252

Protanomaly

42.0378, -11.7622, 15.2646

Deuteranomaly

41.8263, -7.8721, 13.4526

Tritanomaly

42.3188, -15.2226, 3.0859

Monochromacy



Original Color

42.4621, -22.4779, 14.6252

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

39.8477, -10.0597, 6.8140

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.4621, -22.4779, 14.6252 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(74, 130, 82)` looks like.

```
.text, #text, p{  
  color:rgb(74, 130, 82)  
}
```

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(74, 130, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 130, 82) }
```

Border

The CSS property to change the border of an element to HunterLab 42.4621, -22.4779, 14.6252 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(74, 130, 82) }
```


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

```
.border{ border-color:rgb(74, 130, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 130, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 130, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 130, 82);  
box-shadow:4px 4px 4px 4px rgb(74, 130,  
82) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.4621, -22.4779, 14.6252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 130, 82) }
```

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

```
.background{ background-color: rgb(74, 130,  
82) }
```

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