

Converting Colors

HunterLab(42.7222, -9.5202,
6.4693)

Have a look what the booklet for
HunterLab(42.7222, -9.5202, 6.4693)
contains.

HunterLab(42.7222, -9.5202, 6.4693)	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(42.7222, -9.5202,
6.4693)**

Conversions

Conversions Part 1

Format	Color
Hex	697B6C
RGB	105, 123, 108
RGB Percent	41%, 48%, 42%
CMY	0.5882, 0.5176, 0.5765
CMYK	0.15, 0.00, 0.12, 0.52
HSL	130°, 8%, 45%
HSV	130°, 15%, 48%
XYZ	15.6154, 18.2519, 16.8873
YIQ	115.9080, -5.9130, -8.4810

Conversions

Conversions Part 2

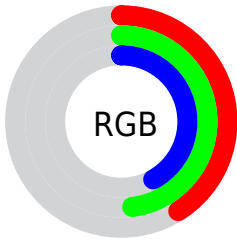
Format	Color
RYB	105, 120, 123
Decimal	6912876
CIELab	49.80, -9.78, 5.99
CIElCh	50, 11.466, 148.486
Yxy	18.2526, 0.3077, 0.3596
Android (android.graphics.Color)	4285102956 (0xFF697B6C)
YUV	115.9080, -3.8986, -9.5663
Hunter-Lab	42.7222, -9.5202, 6.4693

Details

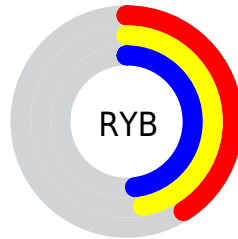
The HunterLab color $42.7222, -9.5202, 6.4693$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $39.5861, 5.6248, -2.1239$, and the grayscale version is $41.7723, -2.2289, 2.2696$.

A 20% lighter version of the original color is $63.4280, -11.6619, 8.2189$, and $24.7670, -7.0467, 4.5691$ is the 20% darker color. If you saturate the color by 10%, you get $41.6597, -13.9464, 9.0686$, and if you desaturate by 10%, it is $43.9129, -4.7167, 3.7291$.

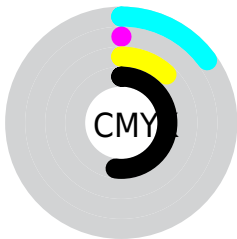
Distribution



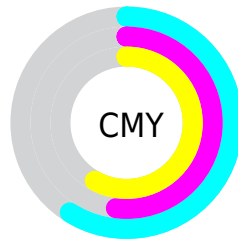
- Red (41%)
- Green (48%)
- Blue (42%)



- Red (41%)
- Yellow (47%)
- Blue (48%)



- Cyan (15%)
- Magenta (0%)
- Yellow (12%)
- Black (52%)



- Cyan (59%)
- Magenta (52%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.7222, -9.5202, 6.4693 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 42.7222, -9.5202, 6.4693 by changing the saturation by 10% instead.

■ 42.7222, -9.5202,
6.4693

■ 42.7222, -9.5202,
6.4693

155.6571,
-19.6790, 15.0501

■ 33.3639, -8.4069,
5.5959

■ 63.6140, -11.7315,
8.2547

■ 24.8100, -7.2733,
4.7276

■ 75.0531, -12.8393,
9.1706

■ 17.1458, -6.1011,
3.8546

■ 87.1061, -13.9534,
10.1041

■ 10.4899, -4.8689,
3.0337

■ 99.7429, -15.0762,
11.0558

0.0000, NaN, NaN

0.0000, NaN, NaN

112.9379,
-16.2091, 12.0261

0.0000, NaN, NaN

126.6683,

0.0000, NaN, NaN

-17.3533, 13.0152

0.0000, NaN, NaN

140.9140,
-18.5097, 14.0232

■ 42.7222, -9.5202,
6.4693

■ 42.7222, -9.5202,
6.4693

■ 41.6597, -13.9464,
9.0686

■ 43.9129, -4.7167,
3.7291

■ 40.7258, -17.9456,
11.4973

■ 45.2247, 0.4179,
0.8735

■ 39.9231, -21.4765,
13.7284

■ 46.6535, 5.8351,
-2.0716

■ 39.2515, -24.5052,
15.7366

■ 48.1938, 11.4897,
-5.0836

■ 38.7091, -27.0096,
17.5007

■ 49.8397, 17.3406,
-8.1427

■ 38.2913, -28.9828,
19.0050

■ 51.5852, 23.3512,
-11.2323

■ 37.9907, -30.4360,
20.2408

■ 53.4243, 29.4899,
-14.3388

■ 37.7939, -31.4143,
21.2055

■ 55.3513, 35.7300,
-17.4512

■ 37.7080, -31.8394,
21.6004

■ 57.3606, 42.0491,
-20.5611

Harmonies

Analogous

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



42.7231, -6.3945, 9.0422



42.7222, -9.5202, 6.4693



42.7231, -10.7195, 2.5458

Triad

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



42.7231, -9.5211, 6.4699



42.7231, -2.5139, -6.9073



42.7231, 5.7227, 6.1249

Complementary

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



42.7222, -9.5202, 6.4693



39.5861, 5.6248, -2.1239

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.



42.7231, 6.8661, 2.1040



42.7222, -9.5202, 6.4693



42.7231, 1.9924, -5.6970

Square

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



42.7231, -9.5211, 6.4699



42.7231, -6.7806, -5.4357



42.7231, 5.4739, -2.2807



42.7231, 2.4110, 8.8582

Rectangle

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



42.7222, -9.5202, 6.4693



42.7231, -10.3037, -0.4120



42.7231, 5.4739, -2.2807



42.7231, 6.3793, 4.8931

Sweetspot

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



42.7231, -9.5211, 6.4699



58.8524, -5.9533, 4.7885



43.8193, -5.7188, 8.8177



28.5077, -3.1011, 2.4431



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



42.7231, -9.5211, 6.4699



56.6082, -15.0583, 10.0060



42.9503, -8.2416, 3.2159



21.1184, -3.3538, 2.4144



38.3511, -32.3881, 21.9811



83.7087, -71.0651, 48.7804

Inverse Universe

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



39.5861, 5.6248, -2.1239



51.3474, 10.3611, -4.4096



39.3304, 4.2698, 1.5076



20.1658, 1.2420, -0.1946



23.1479, 43.9702, -18.5979



50.4495, 95.6567, -39.1856

Previews

White Background



This preview shows how the HunterLab color 42.7222, -9.5202, 6.4693 looks on a white background.

Color Contrast Check

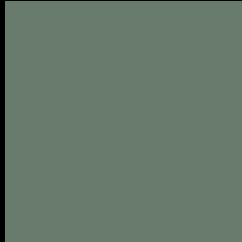
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.7222, -9.5202, 6.4693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

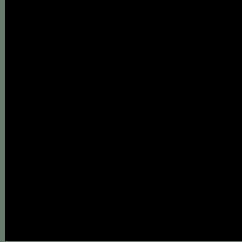
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

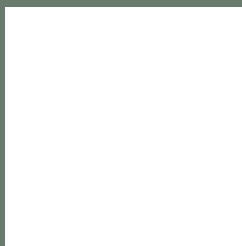
Any Text WCAG AAA × Fail

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

HunterLab 42.7222, -9.5202, 6.4693 Background



This preview shows how black text looks on a background with the HunterLab color 42.7222, -9.5202, 6.4693.

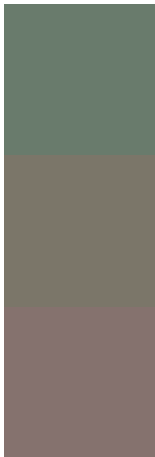


This preview shows how white text looks on a background with the HunterLab color 42.7222, -9.5202, 6.4693.

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

42.7222, -9.5202, 6.4693

Protanopia

42.6471, -2.6557, 7.6523

Deuteranopia

42.5993, 2.9898, 5.7700



Tritanopia

42.7424, -3.8643, -2.5395

Trichromacy



Original Color

42.7222, -9.5202, 6.4693

Protanomaly

42.6457, -5.4811, 7.2245

Deuteranomaly

42.4708, -1.6559, 5.9437

Tritanomaly

42.7123, -5.9041, 1.1057

Monochromacy



Original Color

42.7222, -9.5202, 6.4693

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

42.2264, -5.1634, 3.9933

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.7222, -9.5202, 6.4693 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(105, 123, 108)` looks like.

```
.text, #text, p{  
    color:rgb(105, 123, 108)  
}
```

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(105, 123, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 123, 108) }
```

Border

The CSS property to change the border of an element to HunterLab 42.7222, -9.5202, 6.4693 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(105, 123, 108) }
```


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

```
.border{ border-color:rgb(105, 123, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 123, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 123, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 123, 108);  
box-shadow:4px 4px 4px 4px rgb(105, 123,  
108) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.7222, -9.5202, 6.4693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 123, 108) }
```

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

```
.background{ background-color: rgb(105,  
123, 108) }
```

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