

Converting Colors

HunterLab(42.1990, -6.9421,
7.3793)

Have a look what the booklet for
HunterLab(42.1990, -6.9421, 7.3793)
contains.

HunterLab(42.2042, -7.1561, 7.4820)	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(42.2042, -7.1561,
7.4820)

Conversions

Conversions Part 1

Format	Color
Hex	6F7868
RGB	111, 120, 104
RGB Percent	44%, 47%, 41%
CMY	0.5647, 0.5294, 0.5922
CMYK	0.08, 0.00, 0.13, 0.53
HSL	94°, 7%, 44%
HSV	94°, 13%, 47%
XYZ	15.7707, 17.8119, 15.7036
YIQ	115.4850, -0.2280, -6.8840

Conversions

Conversions Part 2

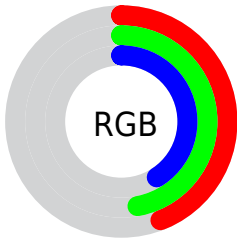
Format	Color
R_{YB}	104, 120, 113
Decimal	7305320
CIE Lab	49.27, -6.57, 7.65
CIE LCh	49, 10.083, 130.685
Yxy	17.8127, 0.3200, 0.3614
Android (android.graphics.Color)	4285495400 (0xFF6F7868)
YUV	115.4850, -5.6621, -3.9333
Hunter-Lab	42.2042, -7.1561, 7.4820

Details

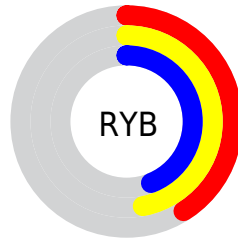
The HunterLab color $42.2042, -7.1561, 7.4820$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $38.4291, 3.1256, -3.6822$, and the grayscale version is $41.6143, -2.2204, 2.2610$.

A 20% lighter version of the original color is $62.9747, -8.8077, 9.4546$, and $24.4681, -5.5715, 5.5999$ is the 20% darker color. If you saturate the color by 10%, you get $41.4299, -10.5182, 10.8544$, and if you desaturate by 10%, it is $43.0452, -3.5609, 3.7027$.

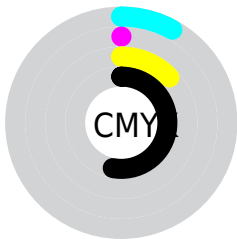
Distribution



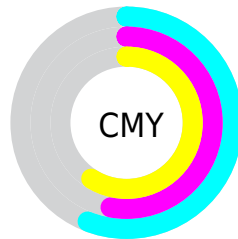
- Red (44%)
- Green (47%)
- Blue (41%)



- Red (41%)
- Yellow (47%)
- Blue (44%)



- Cyan (8%)
- Magenta (0%)
- Yellow (13%)
- Black (53%)



- Cyan (56%)
- Magenta (53%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.2042, -7.1561, 7.4820 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 42.2042, -7.1561, 7.4820 by changing the saturation by 10% instead.

■ 42.2042, -7.1561,
7.4820

■ 42.2042, -7.1561,
7.4820

154.8591,
-15.9370, 16.7535

■ 32.8871, -6.2490,
6.5019

■ 63.0222, -9.0010,
9.4543

■ 24.3782, -5.3429,
5.5141

■ 74.4277, -9.9427,
10.4540

■ 16.7644, -4.4278,
4.5034

■ 86.4487, -10.8998,
11.4662

■ 10.1665, -3.4863,
3.7189

■ 99.0551, -11.8730,
12.4925

0.0000, NaN, NaN

0.0000, NaN, NaN

112.2210,
-12.8631, 13.5338

0.0000, NaN, NaN

125.9234,

0.0000, NaN, NaN

-13.8703, 14.5908

0.0000, NaN, NaN

140.1421,
-14.8949, 15.6640

■ 42.2042, -7.1561,
7.4820

■ 42.2042, -7.1561,
7.4820

■ 41.4299, -10.5182,
10.8544

■ 43.0452, -3.5609,
3.7027

■ 40.7206, -13.6272,
13.8028

■ 43.9487, 0.2523,
-0.4662

■ 40.0779, -16.4688,
16.3170

■ 44.9141, 4.2637,
-5.0028

■ 39.5017, -19.0306,
18.3920

■ 45.9396, 8.4548,
-9.8840

■ 38.9917, -21.3037,
20.0302

■ 47.0231, 12.8074,
-15.0861

■ 38.5467, -23.2836,
21.2429

■ 48.1626, 17.3042,
-20.5854

■ 38.1648, -24.9719,
22.0517

■ 49.3559, 21.9289,
-26.3584

■ 37.8428, -26.3791,
22.4969

■ 50.6008, 26.6665,
-32.3828

■ 37.6521, -27.2140,
22.7247

■ 51.8951, 31.5034,
-38.6370

Harmonies

Analogous

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



42.2051, -3.6723, 8.8795



42.2042, -7.1561, 7.4820



42.2051, -9.2773, 4.6489

Triad

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



42.2051, -7.1571, 7.4826



42.2051, -4.7709, -5.2157



42.2051, 5.5814, 3.6328

Complementary

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



42.2042, -7.1561, 7.4820



38.4291, 3.1256, -3.6822

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.



42.2051, 5.2604, -0.1978



42.2042, -7.1561, 7.4820



42.2051, -0.8172, -5.5523

Square

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



42.2051, -7.1571, 7.4826



42.2051, -7.9355, -2.7617



42.2051, 2.8832, -3.6427



42.2051, 3.7445, 6.7985

Rectangle

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



42.2042, -7.1561, 7.4820



42.2051, -9.6805, 2.2097



42.2051, 2.8832, -3.6427



42.2051, 5.7239, 2.3848

Sweetspot

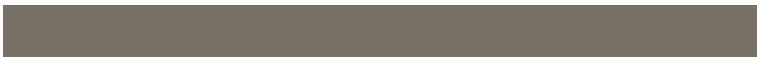
The Sweet Spot groups the original color and five complimentary colors.



42.2051, -7.1571, 7.4826



56.9972, -5.0968, 5.3116



40.9377, -1.3184, 6.2342



27.7112, -2.6346, 2.7496



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



42.2051, -7.1571, 7.4826



55.6477, -10.8885, 11.3488



41.7045, -8.9289, 6.6178



21.2785, -2.8287, 2.9630



39.3155, -28.4670, 23.7277



85.5840, -63.3513, 51.6274

Inverse Universe

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



38.4291, 3.1256, -3.6822



49.5139, 5.8257, -6.8115



39.0268, 5.0599, -2.4749



19.9859, 0.6890, -0.8538



16.7107, 37.4703, -57.8266



35.7907, 81.0091, -129.7109

Previews

White Background



This preview shows how the HunterLab color 42.2042, -7.1561, 7.4820 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 42.2042, -7.1561, 7.4820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

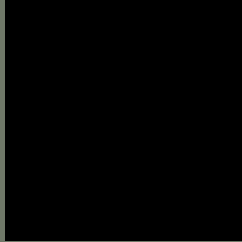
Any Text WCAG AA ✓ Pass

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 42.2042, -7.1561, 7.4820 Background



This preview shows how black text looks on a background with the HunterLab color 42.2042, -7.1561, 7.4820.



This preview shows how white text looks on a background with the HunterLab color 42.2042, -7.1561,

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

42.2042, -7.1561, 7.4820

Protanopia

42.2131, -2.8943, 8.3053

Deuteranopia

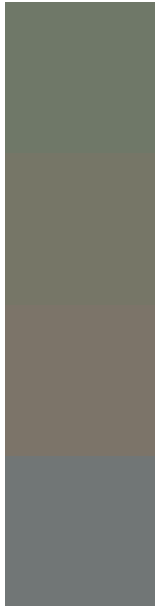
42.1138, 2.4698, 7.1782



Tritanopia

42.1976, -1.6522, -1.7609

Trichromacy



Original Color

42.2042, -7.1561, 7.4820

Protanomaly

42.1755, -4.4062, 7.8721

Deuteranomaly

42.1851, -1.4365, 7.1855

Tritanomaly

42.1611, -3.6772, 1.8122

Monochromacy



Original Color

42.2042, -7.1561, 7.4820

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

41.7704, -3.9982, 4.3221

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.2042, -7.1561, 7.4820 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, 120, 104)` looks like.

```
.text, #text, p{  
    color:rgb(111, 120, 104)  
}
```

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, 120, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 120, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 42.2042, -7.1561, 7.4820 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, 120, 104) }
```


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

```
.border{ border-color:rgb(111, 120, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 120, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 120, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 120, 104);  
box-shadow:4px 4px 4px 4px rgb(111, 120,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.2042, -7.1561, 7.4820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 120, 104) }
```

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

```
.background{ background-color: rgb(111,  
120, 104) }
```

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