

Converting Colors

HunterLab(42.2677, -6.0237,
2.2467)

Have a look what the booklet for
HunterLab(42.2677, -6.0237, 2.2467)
contains.

HunterLab(42.3148, -6.0857, 2.3866)	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(42.3148, -6.0857,
2.3866)

Conversions

Conversions Part 1

Format	Color
Hex	6C7875
RGB	108, 120, 117
RGB Percent	42%, 47%, 46%
CMY	0.5765, 0.5294, 0.5412
CMYK	0.10, 0.00, 0.03, 0.53
HSL	165°, 5%, 45%
HSV	165°, 10%, 47%
XYZ	16.1117, 17.9054, 19.4365
YIQ	116.0700, -6.1890, -3.4770

Conversions

Conversions Part 2

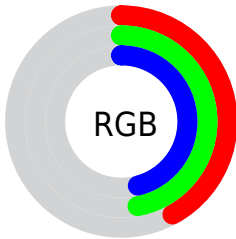
Format	Color
R_{YB}	108, 115, 120
Decimal	7108725
CIE Lab	49.38, -5.10, 0.12
CIE LCh	49, 5.100, 178.702
Yxy	17.9062, 0.3014, 0.3350
Android (android.graphics.Color)	4285298805 (0xFF6C7875)
YUV	116.0700, 0.4585, -7.0774
Hunter-Lab	42.3148, -6.0857, 2.3866

Details

The HunterLab color $42.3148, -6.0857, 2.3866$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $39.8326, 1.8953, 2.1915$, and the grayscale version is $41.8186, -2.2313, 2.2721$.

A 20% lighter version of the original color is $63.0401, -7.7847, 3.4056$, and $24.6100, -4.5095, 1.5213$ is the 20% darker color. If you saturate the color by 10%, you get $41.3948, -9.5789, 2.5382$, and if you desaturate by 10%, it is $43.3392, -2.3130, 2.3547$.

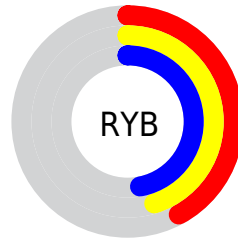
Distribution



Red (42%)

Green (47%)

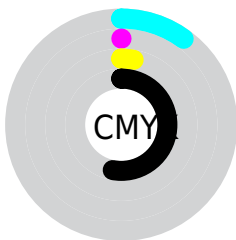
Blue (46%)



Red (42%)

Yellow (45%)

Blue (47%)

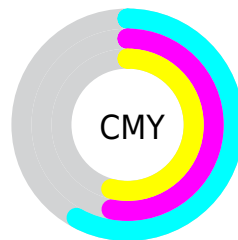


Cyan (10%)

Magenta (0%)

Yellow (3%)

Black (53%)



Cyan (58%)

Magenta (53%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.3148, -6.0857, 2.3866 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 42.3148, -6.0857, 2.3866 by changing the saturation by 10% instead.

■ 42.3148, -6.0857,
2.3866

■ 42.3148, -6.0857,
2.3866

155.0296,
-14.2415, 8.5681

■ 32.9889, -5.2721,
1.8729

■ 63.1485, -7.7642,
3.5332

■ 24.4703, -4.4694,
1.4018

■ 74.5613, -8.6306,
4.1599

■ 16.8457, -3.6714,
0.9786

■ 86.5891, -9.5163,
4.8198

■ 10.2354, -2.8631,
0.6093

■ 99.2021, -10.4218,
5.5113

0.0000, NaN, NaN

0.0000, NaN, NaN

112.3741,
-11.3472, 6.2331

0.0000, NaN, NaN

126.0825,

0.0000, NaN, NaN

-12.2923, 6.9838

0.0000, NaN, NaN

140.3070,
-13.2571, 7.7625

■ 42.3148, -6.0857,
2.3866

■ 42.3148, -6.0857,
2.3866

■ 41.3948, -9.5789,
2.5382

■ 43.3392, -2.3130,
2.3547

■ 40.5784, -12.7617,
2.8081

■ 44.4628, 1.7117,
2.4382

■ 39.8672, -15.6101,
3.1950

■ 45.6832, 5.9571,
2.6338

■ 39.2608, -18.1044,
3.6948

■ 46.9967, 10.3939,
2.9365

■ 38.7571, -20.2323,
4.3005

■ 48.3992, 14.9943,
3.3402

■ 38.3528, -21.9903,
5.0025

■ 49.8866, 19.7328,
3.8387

■ 38.0423, -23.3858,
5.7885

■ 51.4546, 24.5867,
4.4252

■ 37.8178, -24.4390,
6.6436

■ 53.0989, 29.5359,
5.0932

■ 37.6452, -25.2823,
7.5241

■ 54.8152, 34.5630,
5.8362

Harmonies

Analogous

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



42.3157, -5.5392, 4.1845



42.3148, -6.0857, 2.3866



42.3157, -5.6248, 0.4838

Triad

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



42.3157, -6.0866, 2.3872



42.3157, -0.3720, -1.0794



42.3157, -0.2163, 5.3505

Complementary

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



42.3148, -6.0857, 2.3866



39.8326, 1.8953, 2.1915

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.



42.3157, 1.2130, 4.0455



42.3148, -6.0857, 2.3866



42.3157, 1.1220, 0.3317

Square

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



42.3157, -6.0866, 2.3872



42.3157, -2.3484, -1.5734



42.3157, 1.7073, 2.2193



42.3157, -2.1718, 5.8449

Rectangle

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



42.3148, -6.0857, 2.3866



42.3157, -4.8018, -0.5779



42.3157, 1.7073, 2.2193



42.3157, 0.3430, 4.9952

Sweetspot

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



42.3157, -6.0866, 2.3872



57.0440, -4.6422, 3.1194



42.3189, -6.5515, 6.0848



27.7216, -2.4375, 1.5192



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.



42.3157, -6.0866, 2.3872



55.8259, -9.1680, 3.1979



41.6102, -4.3539, 0.2433



21.2041, -2.8765, 1.1898



39.3158, -26.4242, 7.9010



85.7853, -58.2153, 18.4460

Inverse Universe

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



39.8326, 1.8953, 2.1915



51.7890, 3.8133, 2.8823



40.4988, 0.1576, 4.1874



20.0748, 0.7529, 1.1005



21.1104, 36.6271, 9.9593



45.9783, 79.5233, 23.6326

Previews

White Background



This preview shows how the HunterLab color 42.3148, -6.0857, 2.3866 looks on a white background.

Color Contrast Check

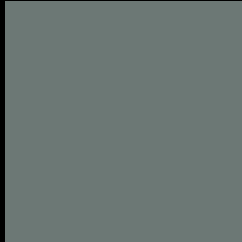
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.3148, -6.0857, 2.3866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

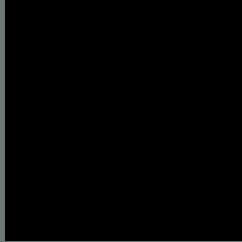
Any Text WCAG AA ✓ Pass

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 42.3148, -6.0857, 2.3866 Background



This preview shows how black text looks on a background with the HunterLab color 42.3148, -6.0857, 2.3866.



This preview shows how white text looks on a background with the HunterLab color 42.3148, -6.0857,

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

42.3148, -6.0857, 2.3866

Protanopia

42.3715, -1.6847, 3.3837

Deuteranopia

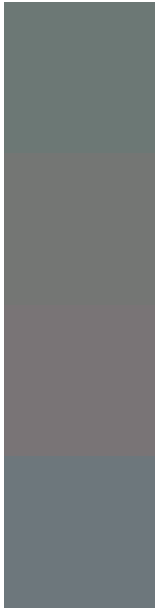
42.3460, 2.5679, 2.1407



Tritanopia

42.2260, -2.8561, -2.7054

Trichromacy



Original Color

42.3148, -6.0857, 2.3866

Protanomaly

42.3448, -3.1445, 2.9026

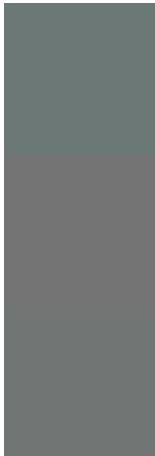
Deuteranomaly

42.2655, -0.4768, 1.9921

Tritanomaly

42.3085, -4.2508, -0.7266

Monochromacy



Original Color

42.3148, -6.0857, 2.3866

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

41.8261, -3.5315, 2.2893

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.3148, -6.0857, 2.3866 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(108, 120, 117)` looks like.

```
.text, #text, p{  
    color:rgb(108, 120, 117)  
}
```

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(108, 120, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 120, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 42.3148, -6.0857, 2.3866 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(108, 120, 117) }
```


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

```
.border{ border-color:rgb(108, 120, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 120, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 120, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 120, 117);  
box-shadow:4px 4px 4px 4px rgb(108, 120,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.3148, -6.0857, 2.3866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 120, 117) }
```

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

```
.background{ background-color: rgb(108,  
120, 117) }
```

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