

Converting Colors

HunterLab(42.0565, -12.1774,
0.4500)

Have a look what the booklet for
HunterLab(42.0565, -12.1774,
0.4500) contains.

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Color

**HunterLab(42.1872,
-12.3564, 0.8062)**

Conversions

Conversions Part 1

Format	Color
Hex	577C78
RGB	87, 124, 120
RGB Percent	34%, 49%, 47%
CMY	0.6588, 0.5137, 0.5294
CMYK	0.30, 0.00, 0.03, 0.51
HSL	174°, 18%, 41%
HSV	174°, 30%, 49%
XYZ	14.5283, 17.7976, 20.4389
YIQ	112.4810, -20.7680, -9.0880

Conversions

Conversions Part 2

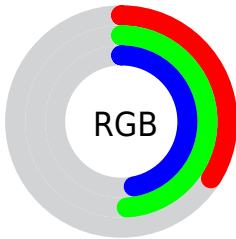
Format	Color
R_{YB}	87, 107, 124
Decimal	5733496
CIE _{Lab}	49.25, -13.91, -2.01
CIE _{LCh}	49, 14.056, 188.241
Yxy	17.7983, 0.2753, 0.3373
Android (android.graphics.Color)	4283923576 (0xFF577C78)
YUV	112.4810, 3.7069, -22.3468
Hunter-Lab	42.1872, -12.3564, 0.8062

Details

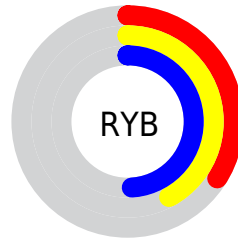
The HunterLab color $42.1872, -12.3564, 0.8062$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $34.4344, 10.2874, 4.3555$, and the grayscale version is $40.4300, -2.1572, 2.1966$.

A 20% lighter version of the original color is $63.1079, -15.2609, 1.9512$, and $24.3544, -9.4737, -0.0842$ is the 20% darker color. If you saturate the color by 10%, you get $41.4964, -15.0296, 0.5230$, and if you desaturate by 10%, it is $42.9885, -9.3344, 1.2253$.

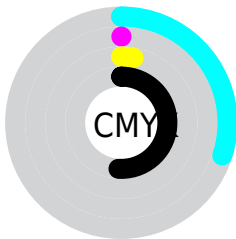
Distribution



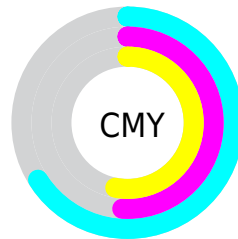
- Red (34%)
- Green (49%)
- Blue (47%)



- Red (34%)
- Yellow (42%)
- Blue (49%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (51%)



- Cyan (66%)
- Magenta (51%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.1872, -12.3564, 0.8062 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 42.1872, -12.3564, 0.8062 by changing the saturation by 10% instead.

42.1872, -12.3564,
0.8062

42.1872, -12.3564,
0.8062

154.8327,
-24.3133, 6.1539

32.8714, -10.9686,
0.4141

63.0027, -15.0505,
1.7339

24.3640, -9.5297,
0.0759

74.4071, -16.3758,
2.2605

16.7518, -8.0079,
-0.1997

86.4271, -17.6950,
2.8254

10.1559, -6.6334,
-0.4002

99.0325, -19.0124,
3.4262

0.0000, NaN, -NF

0.0000, NaN, NaN

112.1973,
-20.3308, 4.0610

0.0000, NaN, NaN

125.8988,

0.0000, NaN, NaN

-21.6526, 4.7281

0.0000, NaN, NaN

140.1167,
-22.9797, 5.4262

■ 42.1872, -12.3564,
0.8062

■ 42.1872, -12.3564,
0.8062

■ 41.4964, -15.0296,
0.5230

■ 42.9885, -9.3344,
1.2253

■ 40.9126, -17.3356,
0.3747

■ 43.8974, -5.9847,
1.7752

■ 40.4344, -19.2660,
0.3600

■ 44.9132, -2.3346,
2.4511

■ 40.0576, -20.8211,
0.4737

■ 46.0334, 1.5867,
3.2462

■ 39.7763, -22.0122,
0.7071

■ 47.2550, 5.7490,
4.1524

■ 39.5820, -22.8634,
1.0480

■ 48.5743, 10.1225,
5.1614

■ 39.4416, -23.5015,
1.4526

■ 49.9873, 14.6786,
6.2642

■ 39.4394, -23.5116,
1.4591

■ 51.4897, 19.3910,
7.4521

■ 53.0771, 24.2354,
8.7169

Harmonies

Analogous

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



42.1881, -11.7644, 5.9080



42.1872, -12.3564, 0.8062



42.1881, -10.3551, -4.5234

Triad

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



42.1881, -12.3570, 0.8068



42.1881, 4.5965, -6.5337



42.1881, 1.7989, 10.7197

Complementary

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



42.1872, -12.3564, 0.8062



34.4344, 10.2874, 4.3555

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.



42.1881, 6.5102, 8.1390



42.1872, -12.3564, 0.8062



42.1881, 8.1830, -1.6657

Square

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



42.1881, -12.3570, 0.8068



42.1881, -0.7041, -9.1070



42.1881, 8.9009, 3.7336



42.1881, -3.7805, 11.2015

Rectangle

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



42.1872, -12.3564, 0.8062



42.1881, -7.7543, -7.3380



42.1881, 8.9009, 3.7336



42.1881, 3.5448, 10.0867

Sweetspot

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



42.1881, -12.3570, 0.8068



58.3115, -7.6473, 2.4061



41.6466, -15.9879, 12.5454



28.2220, -3.9898, 1.1189



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.



42.1881, -12.3570, 0.8068



55.3051, -18.9292, 0.7873



38.2026, -5.5274, -6.1523



21.2258, -2.7559, 0.8803



39.7642, -23.7072, 1.4752



86.8033, -52.0426, 3.8484

Inverse Universe

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



34.4344, 10.2874, 4.3555



42.7906, 17.8217, 6.6051



37.8375, 3.1538, 9.2410



20.0535, 0.6383, 1.4040



20.9442, 36.0128, 12.4086



45.6729, 78.3925, 28.1459

Previews

White Background



This preview shows how the HunterLab color 42.1872, -12.3564, 0.8062 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 42.1872, -12.3564, 0.8062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

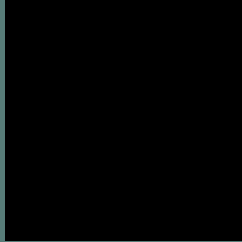
Any Text WCAG AA ✓ Pass

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 42.1872, -12.3564, 0.8062 Background



This preview shows how black text looks on a background with the HunterLab color 42.1872, -12.3564, 0.8062.



This preview shows how white text looks on a background with the HunterLab color 42.1872,

-12.3564, 0.8062.

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

42.1872, -12.3564, 0.8062

Protanopia

42.0125, -1.5159, 2.9715

Deuteranopia

41.9230, 2.7449, -0.1591



Tritanopia

42.1410, -8.7664, -4.8996

Trichromacy



Original Color

42.1872, -12.3564, 0.8062

Protanomaly

41.9569, -5.9030, 1.9681

Deuteranomaly

41.8122, -3.2946, 0.0562

Tritanomaly

42.2472, -10.1371, -2.8054

Monochromacy



Original Color

42.1872, -12.3564, 0.8062

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

40.7580, -5.9255, 1.4167

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.1872, -12.3564, 0.8062 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(87, 124, 120)` looks like.

```
.text, #text, p{  
    color:rgb(87, 124, 120)  
}
```

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(87, 124, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 124, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 42.1872, -12.3564, 0.8062 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(87, 124, 120) }
```


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

```
.border{ border-color:rgb(87, 124, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 124, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 124, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 124, 120);  
box-shadow:4px 4px 4px 4px rgb(87, 124,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.1872, -12.3564, 0.8062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 124, 120) }
```

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

```
.background{ background-color: rgb(87, 124,  
120) }
```

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](#).

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