

Converting Colors

HunterLab(42.7197, 0.7442,
-38.9128)

Have a look what the booklet for
HunterLab(42.7197, 0.7442,
-38.9128) contains.

HunterLab(42.7197, 0.7442, -38.9128)	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(42.7197, 0.7442,
-38.9128)**

Conversions

Conversions Part 1

Format	Color
Hex	4478BB
RGB	68, 120, 187
RGB Percent	27%, 47%, 73%
CMY	0.7333, 0.5294, 0.2667
CMYK	0.64, 0.36, 0.00, 0.27
HSL	214°, 47%, 50%
HSV	214°, 64%, 73%
XYZ	18.0700, 18.2497, 49.5838
YIQ	112.0900, -52.4990, 9.8130

Conversions

Conversions Part 2

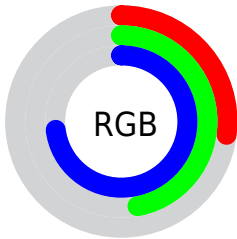
Format	Color
R _Y B	68, 104, 187
Decimal	4487355
CIE Lab	49.80, 3.89, -40.43
CIE LCh	50, 40.613, 275.502
Yxy	18.2503, 0.2104, 0.2124
Android (android.graphics.Color)	4282677435 (0xFF4478BB)
YUV	112.0900, 36.9306, -38.6669
Hunter-Lab	42.7197, 0.7442, -38.9128

Details

The HunterLab color $42.7197, 0.7442, -38.9128$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $53.2089, 8.2032, 26.8356$, and the grayscale version is $40.1658, -2.1431, 2.1823$.

A 20% lighter version of the original color is $63.6779, 0.2254, -40.4483$, and $25.1559, 2.4615, -36.7564$ is the 20% darker color. If you saturate the color by 10%, you get $39.0984, 3.5758, -47.1387$, and if you desaturate by 10%, it is $46.5905, -1.3598, -31.1439$.

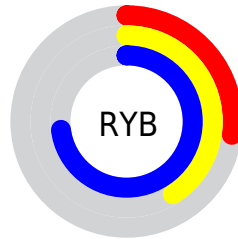
Distribution



Red (27%)

Green (47%)

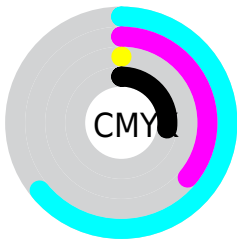
Blue (73%)



Red (27%)

Yellow (41%)

Blue (73%)

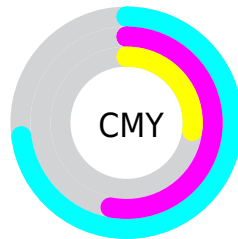


Cyan (64%)

Magenta (36%)

Yellow (0%)

Black (27%)



Cyan (73%)

Magenta (53%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.7197, 0.7442, -38.9128 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 42.7197, 0.7442, -38.9128 by changing the saturation by 10% instead.

■ 42.7197, 0.7442,
-38.9128

■ 42.7197, 0.7442,
-38.9128

■ 155.6529, -3.6934,
-44.0652

■ 33.3615, 1.0119,
-38.3413

■ 63.6109, 0.0473,
-40.2431

■ 24.8078, 1.2149,
-37.9891

■ 75.0499, -0.3724,
-40.9072

■ 17.1438, 1.3422,
-38.1671

■ 87.1026, -0.8345,
-41.5418

■ 10.4882, 1.3752,
-39.7521

■ 99.7394, -1.3360,
-42.1375

0.0000, INF, -NF

0.0000, NaN, -NF

■ 112.9342, -1.8746,
-42.6894

0.0000, NaN, -NF

126.6644, -2.4481,

0.0000, NaN, NaN

-43.1951

0.0000, NaN, NaN

140.9100, -3.0549,
-43.6536

■ 42.7197, 0.7442,
-38.9128

■ 42.7197, 0.7442,
-38.9128

■ 39.0984, 3.5758,
-47.1387

■ 46.5905, -1.3598,
-31.1439

■ 35.7576, 7.2089,
-55.7945

■ 50.6785, -2.8269,
-23.8245

■ 32.7308, 11.6754,
-64.7903

■ 54.9582, -3.7446,
-16.9203

■ 30.9498, 14.8461,
-70.7330

■ 59.4074, -4.1925,
-10.3880

■ 64.0074, -4.2396,
-4.1822

■ 68.7426, -3.9439,
1.7405

■ 73.5999, -3.3541,
7.4200

■ 78.5682, -2.5106,
12.8911

■ 83.6381, -1.4467,
18.1844

Harmonies

Analogous

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



42.7204, -14.4416, -34.3613



42.7197, 0.7442, -38.9128



42.7204, 17.3455, -29.4982

Triad

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



42.7204, 0.7446, -38.9118



42.7204, 26.1365, 16.1980



42.7204, -27.0836, 12.8746

Complementary

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



42.7197, 0.7442, -38.9128



53.2089, 8.2032, 26.8356

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.



42.7204, -18.9016, 20.0936



42.7197, 0.7442, -38.9128



42.7204, 11.4115, 21.4514

Square

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



42.7204, 0.7446, -38.9118



42.7204, 33.3391, 5.0688



42.7204, -5.2261, 22.5502



42.7204, -29.0671, -0.6129

Rectangle

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



42.7197, 0.7442, -38.9128



42.7204, 26.5268, -18.0820



42.7204, -5.2261, 22.5502



42.7204, -25.0335, 15.9297

Sweetspot

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



42.7204, 0.7446, -38.9118



82.1430, -5.6990, -10.2594



62.0291, -38.2784, 16.1842



37.7220, -2.6519, -5.9468



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



42.7204, 0.7446, -38.9118



50.6711, 6.4062, -67.1883



30.2936, 28.6415, -72.8466



31.4528, -1.9783, -0.7712



25.9585, 11.7382, -57.7853



6.2789, 0.1214, -8.1102

Inverse Universe

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



40.0700, 45.4837, -0.8060



48.7994, 71.3540, 1.8337



67.6670, -18.4876, 36.5797



30.9899, 1.6312, 1.0265



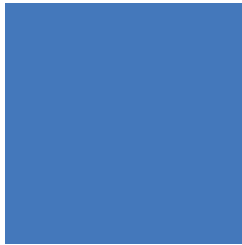
27.7668, 49.1025, 5.9186



5.6139, 10.1488, -0.5182

Previews

White Background



This preview shows how the HunterLab color 42.7197, 0.7442, -38.9128 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 42.7197, 0.7442, -38.9128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

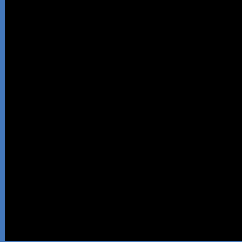
Any Text WCAG AA ✓ Pass

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 42.7197, 0.7442, -38.9128 Background



This preview shows how black text looks on a background with the HunterLab color 42.7197, 0.7442, -38.9128.



This preview shows how white text looks on a background with the HunterLab color 42.7197, 0.7442, -38.9128.

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

42.7197, 0.7442, -38.9128

Protanopia

42.7046, 5.9671, -35.7800

Deuteranopia

42.6696, 3.4409, -38.9731



Tritanopia

42.8629, -17.9052, -8.2212

Trichromacy



Original Color

42.7197, 0.7442, -38.9128

Protanomaly

42.5066, 4.0119, -36.9899

Deuteranomaly

42.7520, 2.2928, -38.8165

Tritanomaly

42.5277, -11.6207, -18.4690

Monochromacy



Original Color

42.7197, 0.7442, -38.9128

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

40.7582, -2.9422, -10.4685

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.7197, 0.7442, -38.9128 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(68, 120, 187)` looks like.

```
.text, #text, p{  
    color:rgb(68, 120, 187)  
}
```

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(68, 120, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 120, 187) }
```

Border

The CSS property to change the border of an element to HunterLab 42.7197, 0.7442, -38.9128 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(68, 120, 187) }
```


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

```
.border{ border-color:rgb(68, 120, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 120, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 120, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 120, 187);  
box-shadow:4px 4px 4px 4px rgb(68, 120,  
187) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.7197, 0.7442, -38.9128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 120, 187) }
```

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

```
.background{ background-color: rgb(68, 120,  
187) }
```

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