

Converting Colors

HunterLab(42.2938, 3.4009,
-38.2232)

Have a look what the booklet for
HunterLab(42.2938, 3.4009,
-38.2232) contains.

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Color

**HunterLab(42.2938, 3.4009,
-38.2232)**

Conversions

Conversions Part 1

Format	Color
Hex	4F75B9
RGB	79, 117, 185
RGB Percent	31%, 46%, 73%
CMY	0.6902, 0.5412, 0.2745
CMYK	0.57, 0.37, 0.00, 0.27
HSL	218°, 43%, 52%
HSV	218°, 57%, 73%
XYZ	18.3427, 17.8877, 48.3849
YIQ	113.3900, -44.4760, 13.0920

Conversions

Conversions Part 2

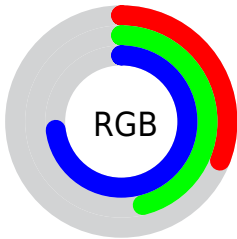
Format	Color
R_{YB}	79, 107, 185
Decimal	5207481
CIE _{Lab}	49.36, 7.22, -39.93
CIE _{LCh}	49, 40.579, 280.250
Y _{xy}	17.8883, 0.2168, 0.2114
Android (android.graphics.Color)	4283397561 (0xFF4F75B9)
Y _{UV}	113.3900, 35.3037, -30.1600
Hunter-Lab	42.2938, 3.4009, -38.2232

Details

The HunterLab color $42.2938, 3.4009, -38.2232$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $56.3452, 2.3074, 26.9752$, and the grayscale version is $40.6682, -2.1700, 2.2096$.

A 20% lighter version of the original color is $63.1488, 2.7165, -39.1743$, and $24.3458, 3.4933, -37.2301$ is the 20% darker color. If you saturate the color by 10%, you get $38.2225, 6.5063, -47.5317$, and if you desaturate by 10%, it is $46.6244, 1.0026, -29.6207$.

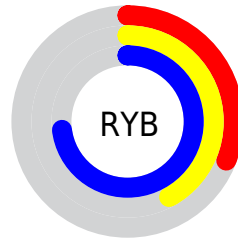
Distribution



Red (31%)

Green (46%)

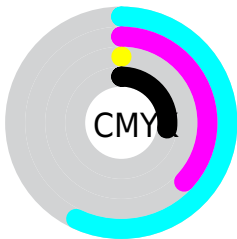
Blue (73%)



Red (31%)

Yellow (42%)

Blue (73%)

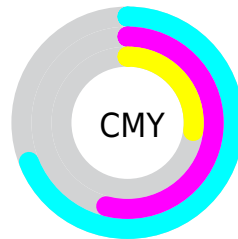


Cyan (57%)

Magenta (37%)

Yellow (0%)

Black (27%)



Cyan (69%)

Magenta (54%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.2938, 3.4009, -38.2232 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 42.2938, 3.4009, -38.2232 by changing the saturation by 10% instead.

■ 42.2938, 3.4009,
-38.2232

■ 42.2938, 3.4009,
-38.2232

■ 154.9969, 0.3202,
-43.3144

■ 32.9694, 3.4723,
-37.6512

■ 63.1244, 3.0585,
-39.5471

■ 24.4527, 3.4623,
-37.2954

■ 74.5357, 2.8013,
-40.2056

■ 16.8301, 3.3547,
-37.4681

■ 86.5623, 2.4939,
-40.8334

■ 10.2222, 3.1230,
-39.0604

■ 99.1740, 2.1402,
-41.4216

0.0000, INF, -NF

0.0000, NaN, -NF

■ 112.3448, 1.7435,
-41.9653

0.0000, NaN, -NF

126.0521, 1.3064,

0.0000, NaN, NaN

-42.4624

0.0000, NaN, NaN

140.2755, 0.8313,
-42.9120

■ 42.2938, 3.4009,
-38.2232

■ 42.2938, 3.4009,
-38.2232

■ 38.2225, 6.5063,
-47.5317

■ 46.6244, 1.0026,
-29.6207

■ 34.4535, 10.4241,
-57.5742

■ 51.1751, -0.7980,
-21.6579

■ 31.0403, 15.2276,
-68.2789

■ 55.9166, -2.0984,
-14.2496

■ 28.0297, 20.8742,
-79.4517

■ 60.8251, -2.9813,
-7.3130

■ 27.2698, 22.4729,
-82.5974

■ 65.8811, -3.5150,
-0.7733

■ 71.0687, -3.7553,
5.4344

■ 76.3752, -3.7471,
11.3649

■ 81.7899, -3.5270,
17.0640

■ 87.3036, -3.1248,
22.5700

Harmonies

Analogous

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



42.2945, -12.2348, -35.9296



42.2938, 3.4009, -38.2232



42.2945, 19.6975, -26.9635

Triad

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



42.2945, 3.4012, -38.2222



42.2945, 24.1029, 17.2699



42.2945, -27.6643, 11.1055

Complementary

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



42.2938, 3.4009, -38.2232



56.3452, 2.3074, 26.9752

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.



42.2945, -20.4865, 19.1939



42.2938, 3.4009, -38.2232



42.2945, 8.7367, 21.7174

Square

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



42.2945, 3.4012, -38.2222



42.2945, 32.7816, 7.2218



42.2945, -7.6364, 22.2571



42.2945, -28.6503, -3.2900

Rectangle

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



42.2938, 3.4009, -38.2232



42.2945, 28.1676, -15.1048



42.2945, -7.6364, 22.2571



42.2945, -25.9528, 14.4789

Sweetspot

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



42.2945, 3.4012, -38.2222



81.4118, -3.9913, -9.7718



62.0002, -34.2997, 11.5454



37.1870, -1.7629, -5.3712



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



42.2945, 3.4012, -38.2222



49.6791, 10.0767, -67.3195



33.8082, 25.7431, -59.2114



30.3847, -1.6082, -0.9733



22.7821, 17.8391, -66.9851



5.4987, 0.7437, -8.4783

Inverse Universe

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



41.4627, 39.4375, 2.1731



50.1213, 63.9222, 5.4981



66.2616, -20.2541, 33.8557



30.1065, 1.4691, 1.2760



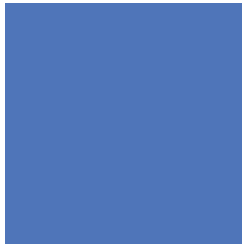
27.0301, 47.3376, 9.3453



5.1925, 9.3166, 0.0657

Previews

White Background



This preview shows how the HunterLab color 42.2938, 3.4009, -38.2232 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 42.2938, 3.4009, -38.2232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

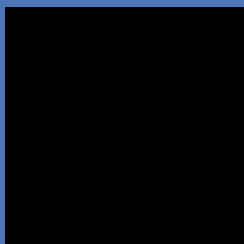
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

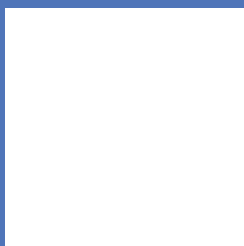
Any Text WCAG AAA × Fail

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

HunterLab 42.2938, 3.4009, -38.2232 Background



This preview shows how black text looks on a background with the HunterLab color 42.2938, 3.4009, -38.2232.



This preview shows how white text looks on a background with the HunterLab color 42.2938, 3.4009, -38.2232.

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

42.2938, 3.4009, -38.2232

Protanopia

42.3741, 6.2682, -36.4634

Deuteranopia

42.2938, 3.4009, -38.2232



Tritanopia

42.3622, -15.2765, -7.2882

Trichromacy



Original Color

42.2938, 3.4009, -38.2232

Protanomaly

42.4001, 5.0619, -37.1959

Deuteranomaly

42.2938, 3.4009, -38.2232

Tritanomaly

42.0622, -8.9753, -17.3320

Monochromacy



Original Color

42.2938, 3.4009, -38.2232

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

40.8233, -1.2868, -10.3428

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.2938, 3.4009, -38.2232 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(79, 117, 185)` looks like.

```
.text, #text, p{  
    color:rgb(79, 117, 185)  
}
```

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(79, 117, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 117, 185) }
```

Border

The CSS property to change the border of an element to HunterLab 42.2938, 3.4009, -38.2232 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(79, 117, 185) }
```


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

```
.border{ border-color:rgb(79, 117, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 117, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 117, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 117, 185);  
box-shadow:4px 4px 4px 4px rgb(79, 117,  
185) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.2938, 3.4009, -38.2232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 117, 185) }
```

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

```
.background{ background-color: rgb(79, 117,  
185) }
```

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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