

Converting Colors

HunterLab(40.8678, 2.8915,
-38.2283)

Have a look what the booklet for
HunterLab(40.8678, 2.8915,
-38.2283) contains.

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Color

**HunterLab(40.9250, 2.6613,
-38.0692)**

Conversions

Conversions Part 1

Format	Color
Hex	4872B5
RGB	72, 114, 181
RGB Percent	28%, 45%, 71%
CMY	0.7176, 0.5529, 0.2902
CMYK	0.60, 0.37, 0.00, 0.29
HSL	217°, 43%, 50%
HSV	217°, 60%, 71%
XYZ	17.0303, 16.7486, 46.0513
YIQ	109.0800, -46.5390, 11.9330

Conversions

Conversions Part 2

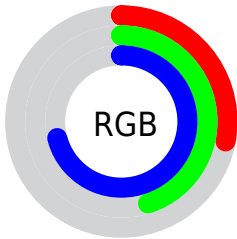
Format	Color
R_{YB}	72, 102, 181
Decimal	4747957
CIE _{Lab}	47.94, 6.27, -39.88
CIE _{LCh}	48, 40.371, 278.935
Yxy	16.7491, 0.2133, 0.2098
Android (android.graphics.Color)	4282938037 (0xFF4872B5)
YUV	109.0800, 35.4566, -32.5192
Hunter-Lab	40.9250, 2.6613, -38.0692

Details

The HunterLab color $40.9250, 2.6613, -38.0692$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $53.6270, 4.2101, 26.3390$, and the grayscale version is $39.0191, -2.0820, 2.1200$.

A 20% lighter version of the original color is $61.6879, 1.9321, -38.9607$, and $23.6068, 3.3261, -36.6867$ is the 20% darker color. If you saturate the color by 10%, you get $37.1397, 5.6307, -46.8052$, and if you desaturate by 10%, it is $44.9608, 0.3919, -29.9375$.

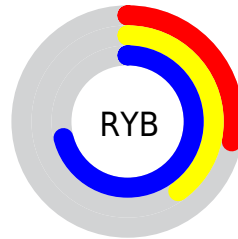
Distribution



Red (28%)

Green (45%)

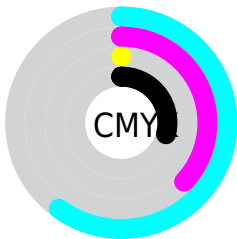
Blue (71%)



Red (28%)

Yellow (40%)

Blue (71%)

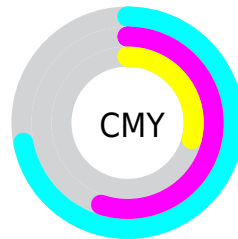


Cyan (60%)

Magenta (37%)

Yellow (0%)

Black (29%)



Cyan (72%)

Magenta (55%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.9250, 2.6613, -38.0692 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 40.9250, 2.6613, -38.0692 by changing the saturation by 10% instead.

■ 40.9250, 2.6613,
-38.0692

■ 40.9250, 2.6613,
-38.0692

■ 152.8798, -0.7428,
-43.1872

■ 31.7109, 2.7773,
-37.5165

■ 61.5580, 2.2364,
-39.3859

■ 23.3151, 2.8147,
-37.2078

■ 72.8795, 1.9408,
-40.0468

■ 15.8280, 2.7574,
-37.4993

■ 84.8207, 1.5966,
-40.6789

■ 9.3769, 2.5789,
-39.4448

■ 97.3511, 1.2075,
-41.2721

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 110.4441, 0.7765,
-41.8213

0.0000, NaN, -NF

124.0766, 0.3064,

0.0000, NaN, NaN

-42.3240

0.0000, NaN, NaN

138.2280, -0.2007,
-42.7793

■ 40.9250, 2.6613,
-38.0692

■ 40.9250, 2.6613,
-38.0692

■ 37.1397, 5.6307,
-46.8052

■ 44.9608, 0.3919,
-29.9375

■ 33.6433, 9.3912,
-56.1468

■ 49.2109, -1.2783,
-22.3690

■ 30.4811, 13.9973,
-66.0071

■ 53.6478, -2.4414,
-15.2993

■ 27.7200, 19.1965,
-76.0874

■ 58.2485, -3.1778,
-8.6613

■ 62.9940, -3.5550,
-2.3916

■ 67.8690, -3.6285,
3.5665

■ 72.8606, -3.4437,
9.2620

■ 77.9584, -3.0378,
14.7366

■ 83.1533, -2.4412,
20.0253

Harmonies

Analogous

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



40.9257, -12.5854, -35.1676



40.9250, 2.6613, -38.0692



40.9257, 18.8081, -27.3914

Triad

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



40.9257, 2.6617, -38.0682



40.9257, 24.3549, 16.5924



40.9257, -26.9440, 11.3472

Complementary

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



40.9250, 2.6613, -38.0692



53.6270, 4.2101, 26.3390

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.



40.9257, -19.6497, 18.9845



40.9250, 2.6613, -38.0692



40.9257, 9.3683, 21.1116

Square

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



40.9257, 2.6617, -38.0682



40.9257, 32.5274, 6.4842



40.9257, -6.8178, 21.7788



40.9257, -28.1762, -2.5416

Rectangle

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



40.9250, 2.6613, -38.0692



40.9257, 27.3664, -15.7578



40.9257, -6.8178, 21.7788



40.9257, -25.1796, 14.5530

Sweetspot

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



40.9257, 2.6617, -38.0682



79.1554, -4.3844, -9.9468



60.2027, -34.9624, 13.0270



35.9628, -1.9436, -5.7728



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



40.9257, 2.6617, -38.0682



48.2631, 8.9218, -66.2872



31.3152, 26.2382, -63.0141



29.5790, -1.6664, -0.8578



23.2869, 15.2903, -62.1140



5.3446, 0.2507, -7.2214

Inverse Universe

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



39.5907, 40.7778, 1.2681



48.0486, 65.0353, 4.3503



64.8639, -19.1395, 34.0288



29.2535, 1.4492, 1.1499



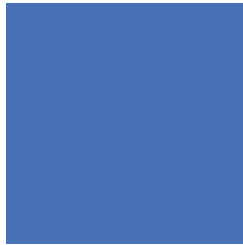
26.6225, 46.7759, 8.0236



4.8437, 8.7395, -0.3159

Previews

White Background



This preview shows how the HunterLab color 40.9250, 2.6613, -38.0692 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 40.9250, 2.6613, -38.0692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 40.9250, 2.6613, -38.0692 Background



This preview shows how black text looks on a background with the HunterLab color 40.9250, 2.6613, -38.0692.



This preview shows how white text looks on a background with the HunterLab color 40.9250, 2.6613, -38.0692.

-38.0692.

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

40.9250, 2.6613, -38.0692

Protanopia

40.8141, 6.1820, -35.9285

Deuteranopia

41.0203, 2.9813, -37.8576



Tritanopia

41.0370, -15.8077, -7.5762

Trichromacy



Original Color

40.9250, 2.6613, -38.0692

Protanomaly

40.7883, 4.8134, -36.7752

Deuteranomaly

40.9723, 2.8202, -37.9641

Tritanomaly

40.7396, -9.4888, -17.6723

Monochromacy



Original Color

40.9250, 2.6613, -38.0692

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

39.5031, -1.8864, -10.0944

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.9250, 2.6613, -38.0692 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(72, 114, 181)` looks like.

```
.text, #text, p{  
    color:rgb(72, 114, 181)  
}
```

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(72, 114, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 114, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9250, 2.6613, -38.0692 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(72, 114, 181) }
```


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

```
.border{ border-color:rgb(72, 114, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 114, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 114, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 114, 181);  
box-shadow:4px 4px 4px 4px rgb(72, 114,  
181) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.9250, 2.6613, -38.0692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 114, 181) }
```

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

```
.background{ background-color: rgb(72, 114,  
181) }
```

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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